



3 MARCH
2025

空中英語教室

Studio Classroom

**Hip-Hop:
From the Streets
to the World Stage**
看「嘻哈」街頭文化
如何征服全世界

**Ryan Trahan –
The Content Creator
With a Heart of Gold**
和萊恩·特拉漢一起
勇敢「挑戰人生」

**Somali Pirates
索馬利亞海盜問題！
解決之方在哪裡？**

**Marvelous
Morocco**
上帝的調色盤—
摩洛哥





WORD BANK

Cut out these vocabulary cards.

Mar. 1; 3

tray (n)	[tre]	托盤
poster (n)	[ˈpostə]	布告；海報
breed (n)	[brid]	品種
incredible (adj)	[ɪnˈkredəbəl]	難以置信的
viewer (n)	[ˈvjuə]	觀眾；觀看者
inspire (v)	[ɪnˈspaɪr]	激發（想法）；激勵
compound (v)	[kəmˈpaund]	增加；加重

Mar. 8; 10, 11

avert (v)	[əˈvɜːt]	避免，防止
warmth (n)	[wɜːrmθ]	溫暖
thorough (adj)	[ˈθɜːo]	徹底的；仔細的
fortune (n)	[ˈfɜːrtʃən]	好運；運氣
electricity (n)	[ɪlekˈtrɪsɪti]	電能
stale (adj)	[steɪl]	汗濁的；不新鮮的
biology (n)	[baɪˈɒlədʒi]	生物學

Mar. 3-5

venture (n)	[ˈventʃə]	商業冒險
potential (n)	[pəˈtenʃəl]	潛力
fame (n)	[feɪm]	名氣；聲譽
entertaining (adj)	[ˌentəˈtenɪŋ]	有趣的
institution (n)	[ˌɪnstɪˈtuʃən]	機構
campus (n)	[ˈkæmpəs]	校園
logical (adj)	[ˈlɒdʒɪkəl]	合理的，合乎邏輯的

Mar. 11, 12

energetic (adj)	[ˌenəˈdʒetɪk]	充滿活力的
messy (adj)	[ˈmesi]	凌亂的
depression (n)	[dɪˈpreʃən]	抑鬱；沮喪
patch (n)	[pætʃ]	小塊土地
capacity (n)	[kəˈpæsɪti]	容量
exclaim (v)	[ɪkˈsklem]	呼喊
holler (v)	[ˈhɒlə]	大聲叫喊

Mar. 5-7

absorb (v)	[əbˈzɔːrb]	汲取；吸收
casual (adj)	[ˈkæʒuəl]	隨意的
chill (v)	[tʃɪl]	放鬆
privacy (n)	[ˈpraɪvəsi]	隱私
laundry (n)	[ˈlɒndri]	待洗衣物
tough (adj)	[tʌf]	棘手的；困難的
pirate (n)	[ˈpaɪrɪt]	海盜

Mar. 13, 14

defend (v)	[dɪˈfend]	保衛；為…辯護
shove (n)	[ʃʌv]	推；撞
squabble (v)	[ˈskwabəl]	爭吵；口角
quarrel (v)	[ˈkwɔːrəl]	爭吵
laser (n)	[ˈleɪzə]	雷射
equivalent (n)	[ɪˈkwɪvələnt]	相等；等同

Mar. 7, 8

ransom (n)	[ˈrænsəm]	贖金
peninsula (n)	[pəˈnɪnsjələ]	半島
conduct (v)	[kənˈdʌkt]	組織；進行
desperation (n)	[ˌdespəˈrefən]	拚死一搏；絕望
decline (v)	[dɪˈklaɪn]	（逐漸）減少，降低
enthusiastic (adj)	[ɪnˌθuːziˈæstɪk]	熱烈的；熱衷的

Mar. 14, 15

placement (n)	[ˈplesmənt]	放置；配置
storage (n)	[ˈstɔːrɪdʒ]	儲存
versatile (adj)	[ˈvɜːsətəl]	多種用途的
subsequent (adj)	[ˈsʌbsɪˌkwent]	隨後的，接著的
surpass (v)	[səˈpæs]	超過，勝過
server (n)	[ˈsɜːvə]	伺服器

WORD BANK

Cut out these vocabulary cards.

Mar. 8; 10, 11

- * In order to **avert** a war, the countries must engage in peace talks.
- * The **warmth** of the hot chocolate made the children feel better.
- * After a **thorough** search of her room, Emily finally found her keys.
- * James had the good **fortune** to work with the founder of the company.
- * Some houses out in the country didn't get **electricity** until five years ago.
- * The air in the office was **stale** because they hadn't opened the windows in over a week.
- * Anna decided to study **biology** in college.

Mar. 11, 12

- * The kids are so **energetic** that it is hard to keep up with them.
- * Joel's room was very **messy**, so he couldn't find his clean socks.
- * After she didn't get into the graduate program, Mary fell into a deep **depression**.
- * That **patch** of land is very rocky.
- * The hotels were filled to **capacity** because of Taylor Swift's concerts.
- * "I didn't know that," **exclaimed** Betty.
- * Jim **hollered**, "Hurry up or you'll miss the bus."

Mar. 13, 14

- * Blake **defended** Rose's point of view when her classmates said she was wrong.
- * Mike gave me a playful **shove**, and then I fell into the pool!
- * Let's not **squabble** about who will go first. I will!
- * Our neighbors are always **quarrelling** about something.
- * The scientist demonstrated how a **laser** can cut through metal.
- * Running five kilometers is the **equivalent** of walking about 10,000 steps.

Mar. 14, 15

- * The **placement** of the furniture made the room feel more spacious.
- * My phone has a lot of **storage**, so I can save thousands of photos and videos.
- * My new jacket is very **versatile**; I can wear it in both cold and mild weather.
- * The **subsequent** chapters of the book explain how the hero grows stronger and defeats the enemy.
- * With practice, she was able to **surpass** her previous record in the tennis competition.
- * All our data is stored on a remote **server**, so we can access it from anywhere.

Mar. 1; 3

- * Mark pulled down the **tray** so that he could enjoy his meal on the airplane.
- * Jessie has **posters** of all her favorite rock bands.
- * Some cat **breeds** are friendlier than others.
- * Sam played an **incredible** game of basketball last night!
- * This year, the popular TV show has twice as many **viewers** as last year.
- * The new author hopes to **inspire** people to live healthier lives.
- * Small steps **compounded** over a few months can lead to big results.

Mar. 3-5

- * Caleb and his partners were excited about the possibility of a new business **venture**.
- * When Celine Dion met her future manager, he recognized the young girl's **potential**.
- * After college, the talented young woman moved to Hollywood, looking for **fame** and fortune.
- * Leslie's stories aren't deep, but they're always **entertaining**.
- * The city's medical **institutions** have a team of expert doctors.
- * That university's **campus** is located in the southern part of the city.
- * It's cold outside, so it is **logical** to wear a jacket when you go out.

Mar. 5-7

- * Paul has the ability to **absorb** everything the professor says.
- * Sharon had a **casual** conversation with her teacher at lunch today.
- * Peter and his friends always **chill** by playing pool on Fridays after school.
- * Miriam never shares a room with anyone when traveling because she wants her **privacy**.
- * Jake took his **laundry** home so his mom would wash his clothes.
- * Not being able to go outside to play is **tough** for most children.
- * The **pirates** robbed everyone on the ship of their money.

Mar. 7, 8

- * The company paid a high **ransom** to get control of their website back.
- * **Peninsulas** are important in international trade due to their unique geographic positions.
- * The scientists **conducted** an experiment to see if the solar-powered battery would work.
- * Out of **desperation**, the girl stole some bananas from the store.
- * The availability of housing has **declined** over the past few years.
- * All of the third graders were **enthusiastic** about going on a field trip.



Studio Classroom

空中英語教室學習密碼

QR Code

雲收聽

Scan the code to listen to the audio reading and teaching for each article

Level (see below) 難度分級

Low Level-80% 單字為字表之3-4級
Medium Level-80% 單字為字表之4-5級
High Level-50-80% 單字為字表之5-6級

Date 閱讀日期

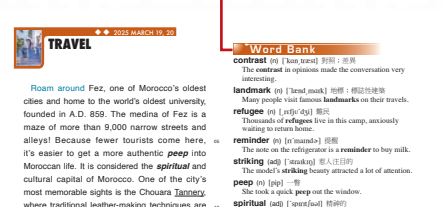
Follow along on radio or television on these dates

Focus 焦點主題

Articles related to a certain topic

Word Bank 關鍵字庫

New vocabulary with an example sentence



19 **QR Code**

Marvelous Morocco
You won't soon forget the sights and sounds of Morocco

Usage Tip
The **medina** of Marrakesh is a UNESCO World Heritage site, which is known for its narrow streets, busy markets and historic landmarks. The central square, Jemaa el-Fna, is a hive of activity. By day, vendors there sell everything from fresh juices and spices to traditional goods. At sunset, the square transforms into a lively outdoor theater with street performers, snake charmers and musicians that entertain the crowd.

Key Points
A trip to Morocco isn't complete without experiencing the Sahara Desert. Take a camel ride through the dunes, spend a night in a Berber camp, and feast your eyes on the striking sunset and sunrise over the sand. The Berber people, native to North Africa, are friendly and inviting. You may even be invited to share a meal of traditional Moroccan dishes.

More Information
Chefchaouen, known as the "Blue City" and situated in the Rif Mountains, is noted for its blue-painted streets and buildings. Why is everything blue? Some say the color was introduced by the Jewish refugees who settled there in the 1300s. To them, blue represents the sky and heaven, serving as a reminder of God's presence. Others claim that the blue paint helps keep mosquitoes away because it reflects light, making it less attractive to insects.

20 **QR Code**

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21 **QR Code**

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Usage Tip 語文教室

Language usages, grammar tips, sentence structures

Key Points 課文要點

Write the main ideas of the article by using the information given

Talk About It 延伸活動

Discuss this question about the article with your friends

Focus on Phrases 焦點片語

Commonly used 2-6 word phrases

More Information 重點資訊

Special words/phrases needed to understand the article

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STUDY TIPS 學習密碼

Before the program:

1. First, read the English text aloud to yourself.
2. If necessary, read the Chinese translation.
3. Underline words you don't know. Try to guess the meaning of the words.
4. Find the problem areas.

During the program:

1. Read along with the teacher.
2. Listen to the English teaching.
3. Don't try to understand every word. Listen for the main idea.
4. Repeat words and phrases aloud.

After the program:

1. Check the words you underlined in the dictionary.
2. Read the day's lesson again aloud to yourself.
3. Plan a time to listen to it again.

■本雜誌字彙分級乃依據高中文參考字彙表

References

- The Associated Press Stylebook
- American Heritage Dictionary
- Cambridge Dictionary
- The Chicago Manual of Style, 15th edition
- Garner's Modern American Usage
- The Free Dictionary

詞性縮寫代號

- adj - adjective 形容詞
- adv - adverb 副詞
- conj - conjunction 連接詞
- idiom 片語; 慣用語
- n - noun 名詞
- pl n - plural noun 複數名詞

- prep - preposition 介系詞
- phr v - phrasal verb 片語動詞
- saying 諺語
- v - verb 動詞
- interj - interjection 感嘆詞
- phrase 片語



教學節目時間表

因本雜誌於114年2月初印刷發行，播出頻道及時間或有異動，請以各電台114年3月份節目時間表為準或參考空英官網。



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● digichannel.scedux.com.tw
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- ◆ 華視教育體育文化台 07:30
- ◆ 長德、麗冠、萬象有線電視
台北都會頻道(第4台) 週一~週日 07:30 / 21:30
- ◆ 群健有線電視
台中生活台(第3台) 07:30 / 09:30 / 11:00 / 22:30
- ◆ 大台中數位有線電視
公用頻道(第3台) 15:30 / 20:30
- ◆ 大屯有線電視／台灣佳光電訊
公用頻道(第3台) 15:30 / 21:30
- ◆ 豐盟有線電視
公用頻道(第3台) 10:30

海外

美加地區

1. 有線電視

加拿大 Talent Vision
Mon.-Sat. 09:30 (太平洋時間) 12:30 (東部時間)
TEL: 溫哥華 (604) 295-1328 / 多倫多 (905) 889-8090

2. 無線電視

西雅圖 AAT-TV (DTV CH:22.5)
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電視台服務專線

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- ◆ 長德麗冠萬象有線電視：(02)2165-3153
- ◆ 群健有線電視：(04)3703-2466
- ◆ 大台中數位有線電視：(04)2407-6789
- ◆ 大屯有線電視：(04)449-5678
- ◆ 台灣佳光電訊：(04)2665-7055
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(含朗讀與講解)

使用步驟：



1. 確認手機或平板電腦為網路連線狀態



2. 掃描雜誌每日文章上的QR Code，播放當日課文朗讀



3. 「點我開啟」登入會員帳號、密碼，即可收聽課文講解



廣播時間表

(週一至週六播出，每次約30分鐘)

- ◆ 00:00 高雄電臺 FM94.3 (週一~週五)
(高雄、屏東、臺南) (07)531-0943分機1411
- ◆ 06:30 FM / 08:30 AM 漢聲電臺 (週一~週五)
(全臺) (02)2321-5191分機9
- ◆ 07:00 / 00:00 政大之聲 FM88.7
(木柵) (寒暑假停播) (02)2938-7148
- ◆ 07:30 / 22:30 慈大之聲 FM88.3
(花蓮) (03)846-0185
- ◆ 08:00 / 17:00 中正之聲 FM88.1
(民雄、大林) (05)272-0411分機32556
- ◆ 10:00 華岡電台 FM88.5
(士林、北投) (02)2861-0511
- ◆ 14:00 輔大之聲 FM88.5
(新莊、板橋、樹林) (02)2905-2001
- ◆ 16:00 臺藝之聲 FM88.3
(板橋) (寒暑假停播) (02)2272-2181
- ◆ 20:30 長榮之聲 FM88.3
(臺南市) (寒假期間停播) (06)278-5123分機4031

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◆ 漢聲廣播電臺 FM 調頻	AM 調幅
北部 106.5	花蓮 104.5
中部 104.5	臺東 105.3
嘉南 101.3	關山 105.3
高屏 107.3	金門 107.3
宜蘭 106.5	
臺北 684/1116	高屏 1332/1251
桃園 693/936	宜蘭 1116
臺中 1287	花蓮 1359/792
雲林 1377	澎湖 1269/846
臺南 693	



活動告示板

2025 MARCH

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期間：2025/2/16~03/15

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- 單雜誌
- 訂 3 年 特價 4,200 元 (原價 6,480 元)
 - 訂 2 年 特價 3,000 元 (原價 4,320 元)
- 《講解App》
- 訂 12 期 特價 1,800 元 (原價 3,120 元)



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每週一至週六早上 6:00 更新當日最新影音。歡迎收看！



新品上市：《睡夢鄉》親子有聲故事機，共創親子的甜蜜時刻

讓孩子在甜美的夢鄉中展翅翱翔！專為 2~8 歲兒童設計，全球華人孩子最愛的《睡夢鄉床邊故事》預計 2 月下旬推出可愛留聲機造型的親子有聲故事機，內含「睡夢鄉」42 個故事並限量加贈「小小實踐家」10 集雙語有聲故事。故事機操作簡易，ONE TOUCH 即可播出，輕巧可攜設計，無論在家中或旅行，都能隨時陪伴孩子，成為他們最好的小夥伴。

詳情請見雜誌內廣告



2024 下半年合訂本新上市

最有收藏價值的精裝合訂本，將 2024 年 7~12 月的雜誌精裝成冊，搭配講解版光碟、電視教學合輯 DVD，還新增電腦學習版組合，讓你把英文帶回家！歡迎來商城逛逛。



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詳情請見雜誌內廣告





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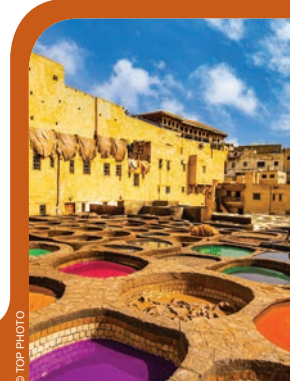
◆ Low ◆ ◆ Medium ◆ ◆ ◆ High



108 課 網 核 心 素 養

MARCH 2025

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MARCH 1 ◆

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POP CULTURE

LESSON 1

光碟講解 [1] 朗讀 [32]

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MARCH 7, 8 ◆ ◆ ◆

page **18**

AROUND THE WORLD

LESSON 4

光碟講解 [7, 8] 朗讀 [35]

國際理解 解決問題

SOMALI PIRATES

Nations worked together to address a shared problem, but will their solutions last?

索馬利亞海盜

各國聯合因應海盜問題，但問有效解方能否持續？



MARCH 3, 4 ◆ ◆

page **14**

PROFILE

LESSON 2

光碟講解 [3, 4] 朗讀 [33]

媒體素養 創新應變

RYAN TRAHAN — THE CONTENT CREATOR WITH A HEART OF GOLD

The charming and funny guy who's been credited with "saving YouTube"

萊恩·特拉漢

看看這個迷人風趣的傢伙，如何「拯救YouTube」



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自我精進

SPRING CLEANING

Spring is the perfect time to deep clean our homes

春季大掃除

春天是徹底打掃家裡的完美時機



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WHAT'S YOUR OPINION?

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Is living at home or in a dorm a better university experience?

大學生該住哪？

住家裡還是住宿舍，哪個更能體驗大學生活？



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BUCKET OF BERRIES

Bring your bucket. We're going berry picking!

一籃莓果

帶著籃子；採莓去！



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A brief history of how we store our data

數位記憶

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HIP-HOP: FROM THE STREETS TO THE WORLD STAGE

Learn about the dance style that's grabbing attention around the world!

嘻哈：從街頭走向世界舞臺

一探這種成為世界級現象的舞蹈風格！



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生涯規劃

SO, YOU WANNA BE A DJ?

Use the power of your playlist for good!

想當DJ嗎？

用播放清單的力量帶出美好影響力！



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HOW TO STOP WORRYING AND START LIVING

Take control of your life one day at a time

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教你一天一天停止憂慮，掌控自我人生



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多元文化

MARVELOUS MOROCCO

You won't soon forget the sights and sounds of Morocco

驚奇無限——摩洛哥

你看到的和聽到的，都將令你難以忘懷



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THE WAR ON ZEBRA MUSSELS

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「斑馬貽貝」戰爭

除掉這個難纏物種，或是坐等生態浩劫！



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THE LEGACY OF JOHANN SEBASTIAN BACH

The music of this baroque composer and keyboardist lives on

音樂之父—巴哈

遺風永常存的巴洛克作曲家 & 鍵盤樂器演奏家



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美感素養

DAFFODILS — SPRING'S PERFECT FLOWER

"Daffodils ... take the winds of March with beauty." — William Shakespeare

春天的花朵

—水仙花

水仙花……

以美麗迎接三月的風



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空中英語教室
YouTube頻道
掃描 QR Code
“英語對話通”

by Rhonda Telfer

genre 類型
science fiction 科幻小說
fantasy 奇幻小說

1. Different Book Genres

- A: I'm on my way to the library. Can you suggest a good book?
- B: Well, what genres do you like? Mystery? Biography? Thriller? History?
- A: I don't like thrillers, and I've read a lot of mysteries. Maybe some history?
- B: I just read a book about the six wives of King Henry the Eighth. I learned a lot about 16th century Europe from that book.
- A: That subject doesn't really interest me. Maybe something about a modern explorer? I like travel and adventure books.
- B: There's a huge section of travel books at the library. They also have a big **science fiction** section.
- A: I haven't read much science fiction. Maybe I'll look in that section for something that interests me.
- B: Hey, I think I'll go with you to the library. There's a new **fantasy** series that is being made into a movie. I want to read the books first.

2. Favorite Author

- A: Who's your favorite author?
- B: I'm a big fan of Willa Cather. She wrote novels about the immigrant experience in America. I love her **vivid** descriptions of American landscapes.
- A: I'll have to check her out. One of my favorite authors is Amy Tan. She also explores the immigrant experience, through the lives of her Chinese-American characters. Her **scenes** between mother and daughter in the *Joy Luck Club* are really touching.
- B: Sounds like I'd like her books. I'm currently re-reading my favorite childhood author, C.S. Lewis. I loved his fantasy books as a kid.
- A: Lewis is great, but my favorite fantasy writer is J.R.R. Tolkien. What an imagination Tolkien had!
- B: Speaking of imagination, I have a goal to own every book that Jimmy Liao has created. His work is amazing. My favorite book is *The Moon Forgets*. I'd love to meet him someday.

author 作家
vivid 生動的
scene 場景

section 章節
concentrate 專心
download 下載

3. Reading Habits

- A: I notice you have books all over your apartment. Even in the kitchen!
- B: Well, I love to read. And I'm usually reading three or four books at the same time. The one in the kitchen is about the history of coffee. I read a short **section** while I'm brewing my coffee.
- A: When I read at home, I always sit in my favorite chair. Then I can be comfortable, **concentrate** and get lost in the story.
- B: Do you ever read e-books? I always **download** one to read while I ride the subway to work.
- A: I don't like to read from a screen. I like to feel the pages in my hand.
- B: Do you ever read anywhere other than at home?
- A: Sure. I love to read in coffee shops. Somehow a cozy drink and a good story go together.
- B: As long as you don't spill it! My coffee book has a lot of coffee stains on it.



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For Radio & TV actors, see SC website.
請上空英網站查詢電台與電視演員名單

Founder 創辦人
Doris Brougham (1926-2024) 彭蒙惠

Corporate Chairman 董事長
Simon Hung 洪善群

Chief Executive Officer 執行長
Daniel Hsieh 謝光哲

Business General Manager 業務總經理
Joseph Tsai 蔡介士

captivating 吸引人的
original 原版
massive 巨大的

4. Favorite Books

- A: Do you have a favorite book?
- B: One of my favorites is *The Good Earth* by Pearl Buck. It's a **captivating** story of life in rural China.
- A: I've never read that one. My favorite is *Of Mice and Men*. We read it in high school, and every year I re-read it. The ending always makes me cry.
- B: Did you read *The Little Prince* in school, too? It's still one of my favorites. I even took a French class so that I could read the **original**.
- A: Have you read any Jane Austen? I love her stories.
- B: I've seen some movies based on her books. I thought they were good, but kind of slow. Oh, have you read any of the Harry Potter books?
- A: Of course. They were my favorites as a kid. I was so proud of myself for finishing such **massive** books!
- B: I felt the same way. I keep the complete set on a shelf in my room.



Trend or Treatment? Here's the Science Behind Pimple Patches

■ by Avery Newmark / © 2024, The Atlanta Journal-Constitution. Distributed by Tribune Content Agency, LLC.

In an Instagram post, Anne Hathaway reminded us that even Hollywood isn't immune to the occasional blemish. The actress shared a photo of herself sporting pimple patches, those small, often translucent stickers that have become a skin care staple for many.

Hydrocolloid patches, pimple patches, are designed to work by creating a protective barrier over a blemish, keeping bacteria out and absorbing excess fluid. As the patch pulls fluid from the blemish, it should turn from clear to white.

Although pimple patches won't erase acne overnight, they have significantly reduced inflammation and sped up healing individual blemishes. A 2006 study found that the patches were effective at

reducing mild-to-moderate acne, with the added benefits of controlling redness and oil production.

For those with more stubborn acne, some patches come infused with salicylic acid, tea tree oil or other acne-fighting ingredients. NBC Select's associate updates editor, Zoe Malin, praised these patches for being practically invisible, making them perfect for daytime wear.

But perhaps the biggest pro of patches is what they prevent: picking — a temptation we've all faced. Patches make it nearly impossible to pick, allowing your skin to heal undisturbed.

So, the next time you face an unexpected blemish, consider slapping on a pimple patch.



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From Your TV Teacher



Dear Readers,

Do you ever feel like March is the longest month of the year? For me, it seems like the days stretch on forever with terrible weather and not much to do! That's why I always try to find something to work towards in the month of March. This helps me keep a positive outlook and helps me look forward to better weather. Last year, I focused on my health. This year, maybe I'll take a note from our article "Spring Cleaning" and work on getting my house in shape!

Speaking of a positive outlook, that's another one of our topics in this month's magazine! We'll look at a summary of the book *How to Stop Worrying and Start Living*. If you need to get your anxiety under control, this is the article for you.

Maybe, like me, you're dreaming of places to go to get away from it all. Japan is one option, where you can discover the magic of "Gashapon®," or maybe taking a trip to "Marvelous Morocco" is more your style.

Regardless of how long the days feel, friends, remember to keep your heads up because spring is just around the corner! Happy reading!

Sincerely,

Anne Marie Molau

Gashapon®

The simple joy of Japan's capsule toys and machines

by David Morton / PAGE DESIGN BY ANGELA CHANG

If you're on the hunt for Gashapon in Taipei, check out Toy Stage, which is located in Wanhua. You can also find plenty of Gashapon machines at the shopping mall under Taipei Main Station.

Talk About It

- If you found a Gashapon machine, which toy would you want and why?
- I would want a ... because ...

1



You place your money into the machine and turn the dial. *Gasha ... pon!* You **hear** a plastic capsule fall into the **tray** below. Open it up ... what could it be? It's always a surprise!

Gashapon are capsule toys that come out of Gashapon vending machines and are **all the rage** in Japan.

The name Gashapon comes from the sound of the dial turning — *gasha* — and the *pon* of the toy dropping. Gashapon can be found all over Japan in shopping areas like Akihabara and Ikebukuro, which boast thousands of these machines.

Each machine displays a **poster** showing the available capsule toys. Anime-themed toys are among the most popular prizes. But Gashapon aren't just for anime fans — they have something for everyone! Animal lovers can find mini models of Japanese dog **breeds** such as Shiba Inu. Food lovers might enjoy tiny models of different kinds of classic Japanese food. These toys are small, made with high-quality materials and often have **incredible** levels of detail.

If you find yourself in Japan, give Gashapon a try. Don't miss out on this fun cultural experience! 🐼

Word Bank

tray (n) [tre] 托盤

Mark pulled down the **tray** so that he could enjoy his meal on the airplane.

poster (n) ['postə] 布告；海報

Jessie has **posters** of all her favorite rock bands.

breed (n) [brid] 品種

Some cat **breeds** are friendlier than others.

incredible (adj) [in'kredəbəl] 難以置信的

Sam played an **incredible** game of basketball last night!

Word Bank Boost

incredibly (adv) [in'kredəbli] 難以置信地

Incredibly, no one was injured in the car accident.

incredulity (n) [ɪnkrɪ'dʌlɪti] 不相信

When Lily told her parents she was moving to Asia, they looked at her with **incredulity**.

More Information

capsule (n) ['kæpsəl] 膠囊

vending machine (n) ['vɛndɪŋ][məʃɪn] 自動販賣機

anime (n) ['ænə,me] 動漫畫

Focus on Phrases

all the rage 風靡一時

Usage Tip

S + hear/see/watch/feel/notice/observe/spot ... /listen to/ look at/ ... + O + V/V-ing/p.p. 感官動詞接上受詞後，後面可能再接上 V, V-ing 或 p.p.，來補充受詞狀態。接 V 和 V-ing 都表該受詞「主動」做某事，惟 V 表全程動作都被觀察到；V-ing 則強調該受詞被觀察到的當下正在做的動作狀態；接 p.p. 則表該受詞被施予某個動作。例句：We felt the building shaken violently by the earthquake last night.

Key Point

- You can get lots of fun, cool Gashapon items from Gashapon machines.



Ryan Trahan —

The Content Creator With a Heart of Gold

The charming and funny guy who's been credited with "saving YouTube"

by Pamela Osment / PAGE DESIGN BY MICHAEL TSE



Some of Trahan's most popular videos:

- "Racing Strangers in the Airport"
- "I Survived on \$0.01 for 30 Days"
- "I Tried Every Seat on the Most Expensive Train"

A few of Trahan's charities:

- St. Jude
- Make-A-Wish Foundation
- Charity: Water
- Feeding America



Key Points

Unscramble the sentences to find the key points.

on YouTube/who/Ryan Trahan/later became/was a/ teenage entrepreneur/famous ● _____

hopefully/makes videos/Trahan/inspire others/that will ● _____

(Suggested answers on page 73)

Talk About It

- Who is your favorite YouTube personality? Why?
- If you were to create a YouTube channel, what would your theme be? Why?



What do most YouTube content creators have in common? They're looking for clicks or views, and the more the better. For that reason, **viewers** are often treated to various kinds of outrageous activities, most designed to increase numbers.

Enter Ryan Trahan, a content creator with a different goal in mind for his viewers. His goal is to "**inspire** people to take action to improve their lives." He stated, "My videos are here to help you take steps to live your dreams. Small progress **compounded** over time can change your life."

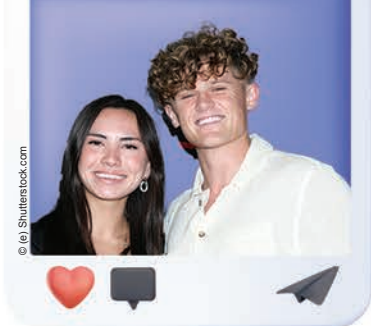
Trahan's life began in 1998 in the small town of Eagle Lake, Texas, where he lived next door to his grandmother, who, in essence, raised him. She **imparted** many important values to him. Trahan credits her for teaching him to always do his best in everything he attempted and "**shoot for the moon**."

While he was still in high school, Trahan and a friend became entrepreneurs when they started a sports water bottle company. This **venture** gave birth to Trahan's YouTube channel.

By the time he graduated as valedictorian of his high school class, it was clear to everyone that he had big dreams.

Usage Tip

The use of "enter" as a stage direction 「Enter + 某人或事物」是來自劇本的用語，表達「（某角色）登場」。此用法帶有戲劇性，用於一般文章時，可突顯被引入角色的重要性，具吸引讀者目光之效。Enter 在該用語中為固定用法，均以原形呈現。例句：Enter artificial intelligence, transforming the way we learn and work.



Ryan Trahan and his wife Haley Pham

A couple of years later, recognizing the **potential** of YouTube, Trahan decided to quit college and follow his dreams. At that time, he had 20,000 subscribers; one year later, he hit 1 million subscribers! He felt he had made it!

Yet, Trahan began to realize that he was **none the happier for** all his great wealth and **fame**, so he decided to search for some answers. His search led him to Jesus, who, he says, is the **ultimate** source of his joy and positivity.

This new **point of view** caused him to evaluate his videos and focus on how they could help his viewers. Today, using his great storytelling ability, Trahan makes **entertaining** and inspiring videos that cause viewers to laugh *and* think. He encourages his audience with topics like exercise, self-confidence and motivation.

In addition, many of his videos are challenges that are created to raise funds for groups or **institutions** that assist people in need. **To date**, he has raised millions of dollars for groups such as Feeding America, which helps people get food and resources.

Trahan is using his power and influence to touch lives around the globe, making the world a bit better, one video at a time. 🐼

Usage Tip

none the + comparative + for + N 本句型意為「絲毫沒有因為 N 而變得更（形容詞）」。N 出現時，我們通常會認定某形容詞狀態會隨之發生（如句中的 great wealth and fame，照理說會伴隨著 happy 這狀態），但最後若沒有如預期發生此狀態，就可以用本句型來強調之，且注意該狀態是以「the + 比較級」的形式呈現。例句：The concept is none the clearer for the expert's explanation.

Word Bank

viewer (n) [ˈvjuə] 觀眾；觀看者

This year, the popular TV show has twice as many **viewers** as last year.

inspire (v) [ɪnˈspaɪr] 激發（想法）；激勵

The new author hopes to **inspire** people to live healthier lives.

compound (v) [kəmˈpaʊnd] 增加；加重

Small steps **compounded** over a few months can lead to big results.

venture (n) [ˈventʃə] 商業冒險

Caleb and his partners were excited about the possibility of a new business **venture**.

potential (n) [pəˈtenʃəl] 潛力

When Celine Dion met her future manager, he recognized the young girl's **potential**.

fame (n) [feɪm] 名氣；聲譽

After college, the talented young woman moved to Hollywood, looking for **fame** and fortune.

entertaining (adj) [ˌentəˈtenɪŋ] 有趣的

Leslie's stories aren't deep, but they're always **entertaining**.

institution (n) [ˌɪnstɪˈtʃʊən] 機構

The city's medical **institutions** have a team of expert doctors.

Word Bank Review

impart (v) [ɪmˈpɑːrt] 傳授

My favorite teacher **imparted** knowledge and kindness to his students.

ultimate (adj) [ˈʌltəməɪt] 最初（或終）的；最好的

The soldiers showed their officer a sign of **ultimate** respect.

More Information

outrageous (adj) [aʊˈredʒəs] 驚人的

valedictorian (n) [ˌvælɪdɪkˈtɔːriən] 畢業生代表

subscriber (n) [səbˈskraɪbə] 訂閱人

positivity (n) [ˌpɒzɪˈtɪvɪti] 正面，積極

Focus on Phrases

heart of gold 心地非常善良

credit (someone or something) **with** (something)
將...歸功於

shoot for the moon 力爭最好

point of view 觀點

in addition 此外

to date 到目前為止



2025 MARCH 5, 6

WHAT'S YOUR OPINION?

Where Should I Live?

Is living at home or in a dorm a better university experience?

by Gloria Bradley
PAGE DESIGN BY ANGELA CHANG

5



Simon and Joe are neighbors. Simon just finished his first year of college, and Joe just graduated from high school. They are talking about college in the fall.

Simon: So, Joe, are you planning to stay on **campus** or commute to college?

Joe: I'm thinking about commuting from home because my parents live kind of close. It just seems like the **logical** choice. Dorms are expensive, so I'd save a lot of money.

Simon: Yeah, dorms can be expensive, but living on campus has its perks. I really enjoy the dorm. If you commute, **you'll** miss out on a lot.

Joe: Like what? I feel like I'll be able to do just fine without being on campus 24/7. I'll still go to classes, hang out with people and get involved in stuff.

Talk About It

- Would you want to live in a dorm or at home during college? Explain.
- *I would want to ... because ...*
- What do think would be the biggest challenge of living in a dorm?
- *I think ... would be ... because ...*

05 **Simon:** But dorm life isn't just about convenience. It's about **absorbing** the whole college experience. You're always around people whether it's for study sessions or just getting pizza. The social life is way easier when you live there.

Joe: I know it's probably easier to make friends when you live on campus. But I'll make friends. I just won't be there late at night.

10 **Simon:** But you'll miss out on the **casual** late-night get-togethers and movies.

15 **Joe:** That's **fine with me**. Honestly, I like the idea of having a break from campus. It could help with balancing everything — school, personal time and family.

Usage Tip

If + present tense ..., S + will/shall + V ... 從屬連接詞 if 引導表「條件」的副詞子句，附加於主要子句，可用來描述未來可能發生的狀況，意為「如果...，就會...」。此用法中，if 子句的動詞使用現在式，主要子句的動詞則使用未來式 will + V，可用 shall 代替 will，但 shall 偏正式，且搭配的主詞常是第一人稱的 I 或 we。例句：If you submit your documents earlier, I will ensure they are processed promptly.

Word Bank

campus (n) ['kæmpəs] 校園That university's **campus** is located in the southern part of the city.**logical** (adj) ['lɒdʒɪkəl] 合理的，合乎邏輯的It's cold outside, so it is **logical** to wear a jacket when you go out.**absorb** (v) [əb'zɔrb] 汲取；吸收Paul has the ability to **absorb** everything the professor says.**casual** (adj) ['kæʒuəl] 隨意的Sharon had a **casual** conversation with her teacher at lunch today.**chill** (v) [tʃɪl] 放鬆Peter and his friends always **chill** by playing pool on Fridays after school.**privacy** (n) ['praɪvəsi] 隱私Miriam never shares a room with anyone when traveling because she wants her **privacy**.**laundry** (n) ['ləʊndri] 待洗衣物Jake took his **laundry** home so his mom would wash his clothes.**tough** (adj) [taʊ] 棘手的；困難的Not being able to go outside to play is **tough** for most children.

Word Bank Boost

private (adj) ['praɪvɪt] 私人的We are not allowed to walk across that yard because it is **private** property.**privately** (adv) ['praɪvɪtli] 私下地Abigail asked to speak to Naomi **privately** about the situation.

More Information

dorm (dormitory) (n) [dɔrm] 宿舍**perk** (n) [pɜ:k] 好處**hassle** (n) ['hæsəl] 麻煩**cramped** (adj) [kræmpt] 狹小的

Focus on Phrases

(that's) fine with me (這對我來說) 沒問題**back and forth** 來來回回**for sure** 肯定**come down to** 歸結於

Usage Tip

S + be/get used to + V-ing/N 該句型意思為「習慣於...」，此處的 **to** 為介系詞，後面需承接名詞 **N** 或動名詞 **V-ing**，來當 **to** 的受詞。使用動詞 **get**，是為了強調開始習慣於某事物的轉變過程；使用 **be** 動詞，則是用以表達日常的習慣狀態。此外，本句型也可寫為較正式的 **be/get accustomed to + V-ing/N**。例句：The man from the countryside is now used to the hustle and bustle of the city.

6



Simon: Commuting can get tiring. Driving **back and forth** every day, dealing with traffic and finding a parking place are not fun. And you know how bad winter driving can be! You could spend that time studying or **chilling** with friends.

Joe: True. The commute could be a **hassle**, especially during finals or when I've got early classes. Then again, living at home is quieter. Dorms can get so noisy — with people partying and roommates who don't respect your space. I like my **privacy**.

Simon: Dorms can be loud, but I feel like that's part of the fun. You'll never have that kind of atmosphere after college. Plus, you develop a sense of independence living away from home. You're on your own, making decisions and managing your space.

Joe: I guess I'd have more freedom, but at home, I wouldn't have to worry about **laundry**. Besides, I'm not sure I want to share a tiny room with someone. Dorm rooms seem **cramped**.

Simon: Yeah, they are usually small, but you **get used to** it. Honestly, you'd be surprised how much you learn about getting along with people when you live in a dorm. You grow a lot.

Joe: Those are good points. I'll have to think about it more. It's a **tough** call.

Simon: **For sure**. It really **comes down to** what you value more: convenience and social life or saving money and having your own space at home.



◆◆◆ 2025 MARCH 7, 8

AROUND THE WORLD

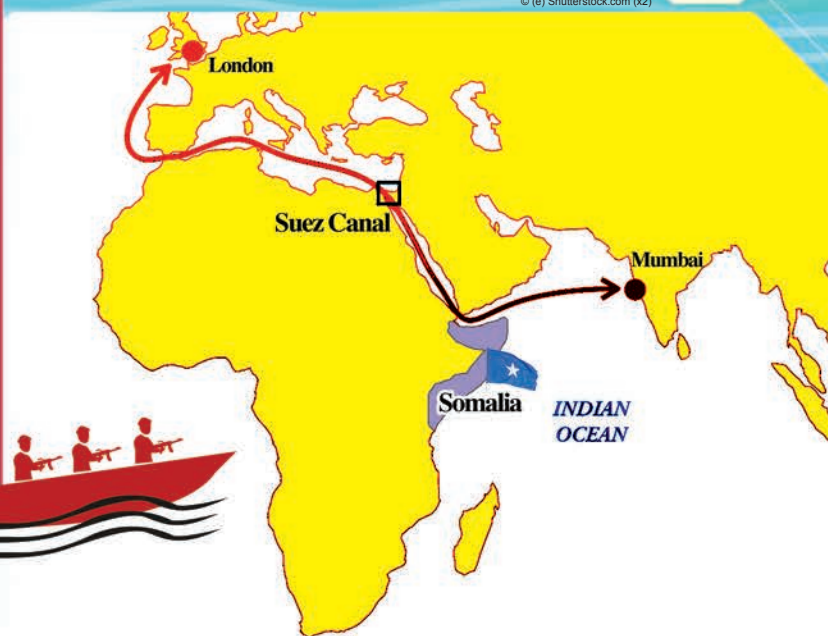
SOMALI PIRATES

Nations worked together to address a shared problem, but will their solutions last?

by Elizabeth Koroma / PAGE DESIGN BY MICHAEL TSE



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At the beginning of the 21st century, pirates from Somalia captured passing ships, demanding money to release crew members. Thanks to international effort, the situation improved. But, lately, pirates are becoming a threat again.

7



At the beginning of the 21st century, pirates along the coast of Somalia frequently captured ships, demanding **ransoms** for the crew members. Coordinated activity by several major nations succeeded in reducing instances of piracy dramatically. But in recent years, attacks on ships off the Somali coast are once again on the rise.

05

10

The nation of Somalia is located on the Horn of Africa — a **peninsula** that **sticks out** into the Indian Ocean. The waters around Somalia are central to international trade because they're part of the Suez Canal shipping route, one of the busiest trade routes in the world. This also makes those waters a **lucrative** place to practice piracy. Pirates in this area seize control of ships and capture the crew members. They then **demand that** the company or nation that owns the ship pay them money in exchange for releasing the prisoners. Attacks like this were alarmingly frequent for a time. In 2011 alone, 212 ships were attacked by pirates.

Usage Tip

S1 + demand/suggest/recommend/advise/request/command ... + (that) + S2 + (should) + VR 使用 demand, suggest, command 這類表「建議，要求，命令」的動詞時，後面經常接上 that 子句，表提議或要求的內容，該子句的 that 可予以省略，此外，為表現出必要性，該子句中可能出現 should，不過一樣可以省略，因此就算 S2 為單數主詞，後方仍承接原形動詞。例句：The manager suggested he (should) have a plan B in case the initial proposal was rejected.



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Talk About It

- Do you think that military force is the best way to deal with pirates? Why or why not?
- Are the Somali pirates just criminals, or is piracy the only way for them to survive? Explain.



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Because of these attacks, several major navies **conducted** operations to stop the pirates, sometimes working together to do so. Nations and shipping companies also began paying for armed guards to protect their ships. Legal processes to catch and punish pirates were also created, and Somalia and surrounding nations received help in building prisons where the pirates could be kept.

8



Seldom do so many nations invest the time and effort to address a problem, but in this case their efforts were extremely effective. In 2012 the number of incidents dropped to 10, and between 2013 and 2022, only two ships were **hijacked** although pirates attacked some others without success.

Recently, however, piracy incidents off the coast of Somalia have become a problem once again. Some of this may be due to **desperation**. Somali people often fish for a living, but large fishing companies have been overfishing in the area, so local fishermen do not catch as much as they used to. Many of these larger companies fish by **trawling** — dragging large nets along the sea bed. Trawling enables them to catch large numbers of fish quickly but at great environmental cost. The damage it causes to **coral** and other parts of the ecosystem may cause fish populations to **decline** over time.

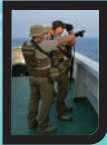
Usage Tip

negative adv. (never/seldom/rarely/little/hardly/no longer/etc.) + be + S/aux. + S + VR ... 當否定副詞 never (從不), seldom/rarely (很少), little (幾乎沒有), hardly (幾乎不), no longer (不再) 放句首時, 句子需進行倒裝 (即「be 動詞 + S」或「助動詞 + S + VR」)。此結構常見於書面語, 能有效增強否定語氣。例句: No longer is this ancient tradition practiced in the region.

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As local fishermen struggle to **make a living**, some may turn to piracy as an alternative source of income. Most are morally opposed to piracy, but even they are less **enthusiastic** in their opposition than previously.

Somali piracy used to be a serious problem for sailors and for the companies and nations that send them. The international community must act to **avert** a return to the situation of the early 2000s. 🦉

Ready for a challenge? Try Advanced magazine!

Key Points

Complete the sentences below.

- About 20 years ago, _____ from Somalia captured crews from ships and required _____ from companies and countries for their return until operations by navies were _____ to stop the activity.
- Although the number of ship _____ over the years, recently it has become a problem that needs action to _____ a return to the former situation.

(Suggested answers on page 73)



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Word Bank

pirate (n) ['paɪrɪt] 海盜

The **pirates** robbed everyone on the ship of their money.

ransom (n) ['rænsəm] 贖金

The company paid a high **ransom** to get control of their website back.

peninsula (n) [pə'nɪnsjələ] 半島

Peninsulas are important in international trade due to their unique geographic positions.

conduct (v) [kən'dʌkt] 組織；進行

The scientists **conducted** an experiment to see if the solar-powered battery would work.

desperation (n) [ˌdɛspə'reɪʃən] 拚死一搏；絕望

Out of **desperation**, the girl stole some bananas from the store.

decline (v) [dɪ'klaɪn] (逐漸) 減少，降低

The availability of housing has **declined** over the past few years.

enthusiastic (adj) [ɛnˌθuːzi'æstɪk] 熱烈的；熱衷的

All of the third graders were **enthusiastic** about going on a field trip.

avert (v) [ə'vɜ:t] 避免，防止

In order to **avert** a war, the countries must engage in peace talks.

Word Bank Review

lucrative (adj) ['luːkrətɪv] 有盈利的

The company's new product turned out to be very **lucrative**.

coral (n) ['kɔrəl] 珊瑚

The warming ocean has killed a vast amount of **coral** in the area.

More Information

piracy (n) ['paɪrəsi] 海盜搶劫

Suez Canal (n) [su'ɛz][kə'næl] 蘇伊士運河

hijack (v) ['haɪˌdʒæk] 劫持

trawl (v) [trɔl] 用拖網捕魚

Focus on Phrases

work together 合作

stick out 凸出

make a living 謀生



Spring Cleaning

Spring is the perfect time to deep clean our homes

by Linda Ludwig / PAGE DESIGN BY ANGELA CHANG

10



Temperatures are **warming up**, and days are getting longer. So, we **throw off** our coats and boots and spend time outside soaking up the sun's **warmth**.

Those signs of spring also signal to many that it's time to give their house a **thorough** cleaning. The reasons for spring cleaning are actually **rooted in** several Eastern cultures. In Chinese culture, it is **customary** just before New Year's Day to sweep one's floors and clean one's home. This gets rid of bad luck that may have **piled up** during the year. Once the house is clean, good **fortune** will be welcomed in. To guarantee it stays, **no one** is allowed to sweep for a few days after New Year's Eve.

In Western culture, spring cleaning also has a practical history. In past centuries, homes were heated with wood or coal. And before **electricity** was widely used, oil lamps lit homes, so **soot** and dirt **built up** on surfaces. Cold weather also meant limited airflow, which caused homes to smell **stale**. Warmer weather brought fresh air and a chance to wash away winter's dirt.

Talk About It

- What do you feel are some good reasons to spring clean?
- *I think ... are good reasons to spring clean because ...*
- Does being in a messy room bother you or not? Explain.
- *Yes, it does. It makes me feel ... because ...*
- *Not really because ...*

Key Points

- Spring is a signal to many cultures that it is time to thoroughly clean their homes.
- Tidying up our homes is good for both our physical and mental health.

Usage Tip

no one vs. nobody vs. none No one 為「沒有人」之意，同 nobody，當主詞時視為單數，搭配單數動詞。None 則代指「組成分子有三個以上的可數名詞」或「不可數名詞」，並把代指名詞全部否定掉，以表「沒有任何一個」，代指可數名詞當主詞時，可視為單數或複數，但代指不可數名詞時，則必為單數。例句：None of the members in the committee agree/agrees with the proposal.



11



However, spring cleaning may have more to do with **biology**. Some suggest that more sunlight makes us more **energetic** because we produce less **melatonin**, the sleep **hormone**. During winter we spend more time at home than average, so we use our living spaces more. And while we may have cleaned a little during the winter, we probably ignored the dirt that we didn't see.

Psychologist Dawn Potter reports that **tidying up** our homes can be good for our brains and bodies. Cleaning produces a result that we not only see but also feel, so we have the satisfaction of doing something meaningful. Also, when our homes are clean and organized, we feel in control. A 2010 study reports that **people who** described their homes as **messy** were more likely to experience **depression** than those who didn't. And if you haven't been to the gym lately, start your workout at home by washing windows and floors.

Getting past the starting point often makes the task easier to accomplish. So, pick a room, grab some cleaning supplies and begin. Make your living space as fresh as spring. 🐛

Usage Tip

people who ... + be + more likely ... than those who ... 當要比較具有對立特質的兩群人時，就可以用上該句型。此結構講求被比較兩者於寫法上的對稱，先提的比較對象寫為 **people who**，後出現的比較對象則寫為 **those who**，此處以 **those** 代指複數名詞 **people**，兩個 **who** 則引導形容詞子句，分別說明這兩群人所具有的特質。例句：People who participate in group activities are more likely to feel a sense of belonging than those who spend their time alone.

Word Bank

warmth (n) [wɜːmθ] 溫暖

The **warmth** of the hot chocolate made the children feel better.

thorough (adj) [ˈθɜːo] 徹底的；仔細的

After a **thorough** search of her room, Emily finally found her keys.

fortune (n) [ˈfɔːtʃən] 好運；運氣

James had the good **fortune** to work with the founder of the company.

electricity (n) [ɪlekˈtrɪsɪti] 電能

Some houses out in the country didn't get **electricity** until five years ago.

stale (adj) [steɪl] 汗濁的；不新鮮的

The air in the office was **stale** because they hadn't opened the windows in over a week.

biology (n) [baɪˈɒlədʒi] 生物學

Anna decided to study **biology** in college.

energetic (adj) [ˌenəˈdʒetɪk] 充滿活力的

The kids are so **energetic** that it is hard to keep up with them.

messy (adj) [ˈmesi] 凌亂的

Joel's room was very **messy**, so he couldn't find his clean socks.

depression (n) [dɪˈpreʃən] 抑鬱；沮喪

After she didn't get into the graduate program, Mary fell into a deep **depression**.

Word Bank Boost

energy (n) [ˈenəˌdʒi] 精力

After work, Sean didn't have enough **energy** to play basketball.

energize (v) [ˈenəˌdʒaɪz] 使精力充沛

An afternoon nap always **energizes** Dave.

energetically (adv) [ˌenəˈdʒetɪkli] 精力充沛地

All the guests danced **energetically** until midnight.

More Information

customary (adj) [ˈkʌstəˌmeri] 傳統的；慣常的

soot (n) [sut] 煤煙；油煙

melatonin (n) [ˌmeləˈtɒnɪn] 褪黑激素

hormone (n) [ˈhɔːrˌmon] 激素，荷爾蒙

Focus on Phrases

warm up 變暖

throw off 匆匆脫掉

rooted in 根源於

pile up 積累；堆積

build up 積聚；增加

tidy up 整理，收拾

get past 克服；越過





Bucket of Berries

Bring your bucket. We're going berry picking!

by Hazel Johansen / PAGE DESIGN BY ANGELA CHANG / ILLUSTRATED BY ARNOLD LEE

12



“Attention, all bears!” called the activity chairbear for the **annual** picnic. “The Bucket-of-Berries Contest is about to **take place**. Those **taking part** should go to the berry **patch** immediately. And don’t forget to **take along** a bucket!”

Bears everywhere rushed to the contest area. The Bucket-of-Berries Contest was the most exciting event of the picnic.

“Gather around,” the chairbear began. “The rules are simple. When I say ‘Go!’ you may begin. Fill your buckets to **capacity** as quickly as **you can**. But **take care** not to spill any. The first bear to fill their bucket wins! Now, is everybody ready? On your mark, get set, GO!”

“Wait for me!” **exclaimed** Scout. “I’m coming, too!”

“You?” laughed Old Grizzly. “You’re just a cub, Scout. You’re too small, and too slow, to **take us on!**”

“I am smaller and slower,” agreed Scout. “But I’ll **take** my **chances**. Besides, gathering berries is fun. If I do my best, it really doesn’t matter if I win or lose.”

“Good!” said Old Grizzly. “Because I’m going to win!”

“You?” growled Brown Bear. “Don’t **take** winning **for granted**. I just might win!”

“That’s ridiculous!” Grizzly **hollered**. “You’re crazy if you think you can beat me!”

Usage Tip

as ... as one can 「as adj./adv. as S can」用來表達某人（即 S）在做某事時，盡力達到該形容詞或副詞的狀態，意思為「盡可能…」，其中 S 需要以代名詞出現。若句子的時間點是位於過去，can 則須改為過去式 could。此外，本句型可用 as adj./adv. as possible 替換，兩者意思與用法相同。例句：The badminton player tried to remain as calm as possible (= he could) when falling behind.



Talk About It —

- Have you ever entered a contest before? What were the results?
- What can you learn when you lose?



“Crazy? I am not crazy!” screamed Brown Bear. “**Take it back!**”

“Never!” shouted Grizzly.

“Now, now,” interrupted the activity chairbear, trying to take control of the **situation**. But the two bears continued to argue. By this time, the other bears were **taking sides**. Most **took up for** Brown Bear. But a few **defended** Old Grizzly. Then suddenly, Old Grizzly gave Brown Bear a big **shove**.

“There!” he said boldly. “Take that!”

Everyone held their breath. Brown Bear and Old Grizzly often **squabbled**, but never before had they actually fought. Everyone was silent. **No one had any idea what would happen next.** Just then

“Hey, everybody, **take a look!**” cried Scout suddenly. “My bucket’s full of berries!” Scout’s announcement **took** everyone **by surprise!** In fact, no one knew what to say or do.

Finally Old Grizzly began to smile. “My, my, Scout,” he said, shaking his head from side to side. “It looks like you’re the winner!” And he picked Scout up off the ground and gave him a great big bear hug. “Congratulations!” he grinned.

Bears and people, **take notice!** Don’t spend time **quarrelling**. Instead, **take advantage of** the time you have. 🦉 ▶

Usage Tip

S + V + N + wh- (+ S) + V ... 此處的 wh- 引導名詞子句，作名詞 N 的同位語，補充 N 的內容為何。此外，能作同位語的名詞子句不一定都是由 wh- 帶出，that 也具有此功能，不過 that 後面一定是承接 S + V，不像本句中的 what 本身當名詞子句的主詞。例句：I have a strong feeling that something unpleasant is going to happen.



LANGUAGE

Word Bank

patch (n) [pætʃ] 小塊土地

That **patch** of land is very rocky.

capacity (n) [kə'pæsɪti] 容量

The hotels were filled to **capacity** because of Taylor Swift's concerts.

exclaim (v) [ɪk'skleɪm] 呼喊

"I didn't know that," **exclaimed** Betty.

holler (v) ['hɒlə] 大聲叫喊

Jim **hollered**, "Hurry up or you'll miss the bus."

defend (v) [dɪ'fend] 保衛；為...辯護

Blake **defended** Rose's point of view when her classmates said she was wrong.

shove (n) [ʃʌv] 推；撞

Mike gave me a playful **shove**, and then I fell into the pool!

squabble (v) ['skwɒbəl] 爭吵；口角

Let's not **squabble** about who will go first. I will!

quarrel (v) ['kwɒrəl] 爭吵

Our neighbors are always **quarrelling** about something.

Word Bank Review

annual (adj) ['ænjuəl] 一年一度的

The club's **annual** meeting is held every March.

situation (n) [ˌsɪtʃu'eɪʃən] 情況

After Marcie explained the **situation**, Melissa understood why Elaine was upset.

Phrasal Verbs/Idioms

take place 舉行

take part 參與

take along 帶著

take care 小心

take on 同...較量

take one's chances 碰運氣

take for granted 理所當然

take back 收回（說錯的話）

take sides 支持一方

take up for 支持擁護

take a look (at someone or something) 看一看

take by surprise 使吃驚

take notice (of someone or something) 注意

take advantage of 利用

Activities

I. Look at the following sentences. Write "C" if the sentence is correct. If the sentence is incorrect, rewrite it using the correct phrase.

- _____ Will you be taking place in our class talent show?

- _____ Don't say my hat is funny-looking! Take it back!

- _____ Our team is too good for your team to take up for us.

- _____ Friends shouldn't take up for one another.

II. Unscramble the following sentences.

- time take what contest place today's does
_____?
- often argument during an people sides take
_____.
- announcement by everyone Sally's surprise took
_____.
- brother for always granted Jeff younger his takes
_____.

III. Choose the correct phrase for each blank. Be sure the verbs are in the proper form.

take notice

take along

take care

take for granted

take a look

take by surprise

take advantage of

Marge: There's a big sale at Arty's Department Store, let's go _____ 1 _____.

Mary: Sure, I like big sales.

Marge: Great! Then be sure to _____ 2 _____ a lot of money.

Mary: Why, Marge, what makes you think I have a lot of money?

Marge: You have so many expensive things. So, I just _____ 3 _____ it _____ that you have a lot of money.

Mary: Well, this may _____ 4 _____ you _____, but actually, I have very little money. I spent all my money buying expensive things. That's why I must _____ 5 _____ big sales! So, Marge, _____ 6 _____! You should really _____ 7 _____ not to spend too much. You need to take control of your spending habits so that you don't run out of money, like I did.

(Suggested answers on page 72)



DIGITAL MEMORIES

A brief history of how we store our data

by David Morton / PAGE DESIGN BY MICHAEL TSE

The methods we use to store and access our data have developed quickly over the years, especially in terms of convenience and capacity.



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February 2024 marked a **ground-breaking** development as researchers in Shanghai devised a way to store over a **petabyte** of data on just one optical disc. These discs, including CDs and DVDs, allow data retrieval through a specific type of **laser**. When CDs were initially introduced in the 1980s and 90s, they could hold a modest 700 **megabytes** of data — just enough for a short video file. Today, however, a single petabyte is the **equivalent of** approximately 200,000 high-definition movies, a tremendous amount that would have required **trillions** of punch cards in **the old days**!

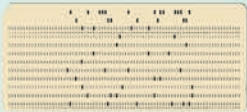





Punch cards, which were crafted from thick, sturdy paper, featured holes punched in specific patterns that machines could interpret. These machines read the precise **placement** of the holes as coded instructions, allowing them to operate cloth-making equipment throughout the 18th and 19th centuries. Punch cards remained in use **well into** the 20th century for programming early computers with computer manufacturer IBM, at one point, employing them to store vast amounts of global data.

Usage Tip

equivalent of vs. equivalent to Equivalent 一字有名詞和形容詞的用法。當名詞時，以 A is the equivalent of B 來表達 A 和 B 兩者具有相同價值，用途或意義；當形容詞時，則以 A be equivalent to B 來表達上述之意思，如本句可以改寫為 a single petabyte is equivalent to approximately 200,000 high-definition movies. 例句：The ban on social media is equivalent to the deprivation of freedom of speech.

Talk About It

- What is the first form of data storage that you used? What do you use now?
- Do you think there will ever be a limit to how much data we can store? Why or why not?

STORAGE MEDIUM	TYPICAL CAPACITY
 Punch card	80 bytes
 Cassette tape	Several hundred kilobytes
 Floppy disk	1.44 megabytes
 Compact disc	700 megabytes
 Flash drive	Ranges from under one gigabyte to over one terabyte
 Google's data centers	Somewhere between 10-15 exabytes

Although punch cards were widely used, their limitations led to the development of other **storage** methods. By the 1950s and 60s, magnetic-tape storage came along, marking the beginning of digital storage. While magnetic tape is mostly remembered as a medium for storing audio data, as in cassette tapes, it was also used to store and run computer programs.

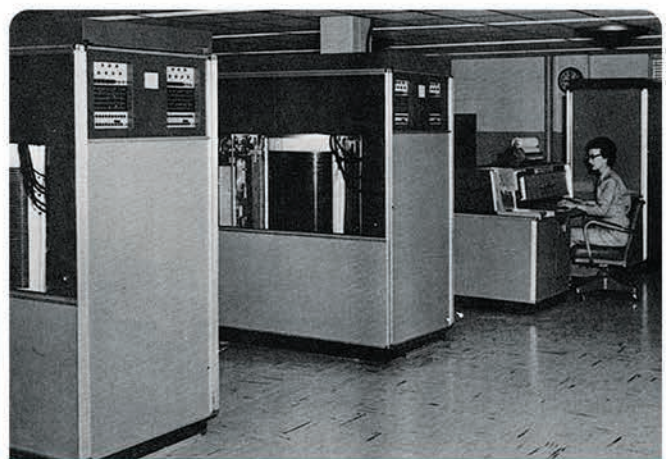
15



Of the many storage mediums invented in the 20th century, few were as **versatile** as the floppy disk, one of the first storage mediums to allow data to be read, written and rewritten **with ease**.

Early floppy disks were, as the name implies, very flexible and about 20 centimeters wide. **Subsequent** versions were smaller and made of stiff plastic, but all of them used a magnetic disc to store data. This storage method was the **gold standard** of data storage until well into the 90s.

One of the reasons floppy disks remained popular for so long was because they offered a convenient way to read and write data. But that all changed in the 2000s when they were **surpassed** by the thumb drive, a portable USB data storage device. With this device, data could be read and written quicker, easier and cheaper than ever before. ▶



"Big data!"

Around the time that magnetic tape was taking off came another revolutionary invention: the hard disk drive (HDD), or "hard drive" for short. The earliest hard drive was the 1954 IBM 350. It was the size of a large refrigerator and stored up to 3.75 megabytes (which is enough to store a little over one three-minute music file).



Today, we rely more and more on cloud storage. Instead of storing data on our devices, cloud storage allows us to store data on **servers** in internet-connected data centers. **What makes** cloud storage so **revolutionary is** the ability to access data from anywhere with an internet connection.

From early punch cards to the seemingly limitless storage capacity of modern data centers, it's amazing to think about how much, and how quickly, the world of data storage has changed. 📖

Ready for a challenge? Try Advanced magazine!

Usage Tip

what (S) + V is NP/VP 此句型為一種強調句構，透過 what 先引導出一個名詞子句，再透過 is 引出欲強調之事。被強調的部分可能是一個事物，以名詞片語 (NP) 呈現，如本句中的 the ability，但要強調的也有可能是一個行為，is 後就需出現動詞片語 (VP)，其中 V 可為原形或 to V，但原形的強調語氣會較強。例句：What you need to do in this class is (to) participate in discussions as much as you can.

Table of Computer Memory

Memory Unit	Description	Memory Unit	Description
Bit	Binary Digit 1 or 0	Petabyte(PB)	1024 TB
Byte	8 bits	Exabyte (EB)	1024 PB
Kilobyte(KB)	1024 Bytes	Zettabyte (ZB)	1024 EB
Megabyte(MB)	1024 KB	Yottabyte (YB)	1024 ZB
Gigabyte(GB)	1024 MB	Brontobyte	1024 YB
Terabyte(TB)	1024 GB	Geopbyte	1024 BB

Word Bank

laser (n) ['leɪzə] 雷射

The scientist demonstrated how a **laser** can cut through metal.

equivalent (n) ['kwɪvələnt] 相等；等同

Running five kilometers is the **equivalent** of walking about 10,000 steps.

placement (n) ['plɛsmənt] 放置；配置

The **placement** of the furniture made the room feel more spacious.

storage (n) ['stɔːrɪdʒ] 儲存

My phone has a lot of **storage**, so I can save thousands of photos and videos.

versatile (adj) ['vɜːsətəl] 多種用途的

My new jacket is very **versatile**; I can wear it in both cold and mild weather.

subsequent (adj) ['sʌbsɪkwɛnt] 隨後的，接著的

The **subsequent** chapters of the book explain how the hero grows stronger and defeats the enemy.

surpass (v) [sə'pæs] 超過，勝過

With practice, she was able to **surpass** her previous record in the tennis competition.

server (n) ['sɜːvə] 伺服器

All our data is stored on a remote **server**, so we can access it from anywhere.

Word Bank Review

trillion (n) ['trɪljən] 兆

More than a **trillion** stars lit up the night sky.

revolutionary (adj) [ˌrɛvə'lʊʃənəri] 革命性的

The invention of the internet was a **revolutionary** change in how people communicate.

More Information

petabyte (n) ['petəbaɪt] 拍位元組

megabyte (n) ['megəbaɪt] 百萬位元組

cassette (n) [kə'set] 卡式磁帶

floppy disk (n) ['flɒpi][disk] 軟式磁碟

USB (n) [ˌjuːs'bi] 通用序列匯流排

Focus on Phrases

ground-breaking 開創性的

the old days 在過去

well into 進入到

with ease 容易地

gold standard 黃金標準

Key Points

Complete the sentences below.

● Researchers have found a way to fit over a _____ of data onto an _____ disk, but in the old days people used _____ made of sturdy paper.

● The _____ was a _____ form of data storage that was widely used in the 90s, but now most people access their data from _____ in data centers.

(Suggested answers on page 73)



HOT IN THE WORDS NEWS



by Rebekah Krushnisky

HOT WORDS

IN THE NEWS

RELATED WORDS

Tokyo Marathon (3/2)

[ˈtɒkiˌoʊ][ˈmæɾəˌθan]

東京馬拉松



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The Tokyo Marathon, the only Asian marathon of the seven Abbott World Marathon Majors, will take place on March 2. More than 300,000 professional and amateur runners apply to join the race each year, but only a small percentage are accepted.

The race starts in Shinjuku, near Tokyo's Metropolitan Government Building and finishes at Tokyo Station. The course takes runners past many of the city's landmarks and districts. A unique feature of the race is there are at least five out and backs, where runners cover the same ground twice.

amateur (adj)

[ˈæməˌtɜː]

業餘愛好的

landmark (n)

[ˈlændˌmark]

地標

out and back (n)

[aʊt][ænd][bæk]

折返路段

Mardi Gras in New Orleans (3/4)

[ˈmɑːdiˌɡra][ɪn][nuˈɔːrljənz]

紐奧良狂歡節



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Mardi Gras, the spectacular pre-Easter bash, will be celebrated on March 4 in New Orleans this year, but the festivities begin about two months prior. On the weekends leading up to Mardi Gras, starting in late January, parades with beautiful floats and marching bands pass through the city.

Enjoy some king cake decorated with purple, green and yellow sugar and be sure to catch the coins, cups, strings of beads or other small keepsakes that are thrown into the crowds from the floats.

bash (n)

[bæʃ]

派對

float (n)

[flot]

花車

keepsake (n)

[ˈkipˌsek]

小紀念品

International Women's Day (3/8)

[ˌɪntəˈnæʃənəl][ˈwɪmɪnz][de]

國際婦女節



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On March 8, International Women's Day will be celebrated around the world. This year's theme is "Accelerate Action," because at the current rate of progress, it will take 134 more years for women to reach gender parity.

The first International Women's Day was celebrated in 1911 in Austria, Germany, Denmark and Switzerland. The United Nations officially recognized the day in 1977.

theme (n)

[θim]

主題

progress (n)

[ˈprɒˌɡres]

進展

gender parity (n)

[ˈdʒɛndəˌrɪ][ˈpærɪti]

性別平等



Scan the code and follow along with our Hot Words in the News videos



So, You Wanna Be a DJ?

Use the power of your playlist for good!

by Christine Bedwell
PAGE DESIGN BY MICHAEL TSE

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17



Do you enjoy entertaining an **audience**, love music and know how to use technology? If so, DJing might be a great career for you! DJs, or disc jockeys, are artists who create memorable musical experiences for audiences. Whether working on the radio, at a club or for special events, a DJ must engage and entertain listeners.

Talk About It

- What is the most important skill someone needs to be a DJ?
- *The most important skill for a DJ is ...*
- Do you think you would be a good DJ? Why or why not?
- *Yes, I do because ...*
- *No, I don't because ...*

Usage Tip

be capable of V-ing/Noun vs. be able to + V 形容詞 capable 和 able 均可用來表示「有能力的」，但兩字後方所承接的形式並不相同。Capable 後面加介系詞片語 of V-ing/N，able 後面則接不定詞 to V，因此本句可改為 DJs must be able to use computers and music-mixing software。不過，兩字改為名詞後（即 capability 與 ability）有共通用法，後方均可承接不定詞 to V。例句：The CEO had the capability (= ability) to lead the company through the financial crisis.

DJs need a particular skill set. They must not only know **various** kinds of music but also select music to suit different events and audiences. DJs must be confident in **skillfully** guiding their listeners through an enjoyable experience using music. Technology is a big part of the job, so DJs must **be capable of** using computers and music-mixing software. DJs must also be ready to **think on their feet** when their equipment does not work properly. Finally, DJs must be good at working with people and organizations so that they can get more DJing opportunities.





If you dream of becoming a DJ, there are some key steps to follow. First, decide if DJing is **merely** a hobby or your future career. This choice will help you know how much time and money to invest in it. What skills do you already have? What skills do you need to develop? Listen to many styles of music, and start building your music playlists. Buy basic music-mixing software, and practice creating a **continuous** flow of music. This is done by smoothly fading one song out and another song in while **keeping** the party **going**.

As you improve, develop your style, and record your mixes. Post your mixes online to get **followers**, and make connections with other DJs to learn from them. Experience is key! **Volunteer** to DJ for local events and on radio stations. Build relationships with organizations, and offer your DJ services. **The more** people know about you, **the more** chances you'll get to DJ.

Whether DJing for fun or for work, you can use music to **bring** people **together**! 🎧

Usage Tip

The more + N + (S1)+ be/V1..., the more + N + (S2) + be/V2 該句型意為「愈多...，就愈多...」，用以表達兩事物間相互遞增的關係。The more 後面可接名詞，並以此名詞為主詞 S，後面直接加動詞 V，如本句的 people 為 S，know 為 V；不過，the more 也可在接完名詞後，直接接 S + V，該名詞是作 V 的受詞，如本句的 chances 即是 get 的受詞。例句：The more shortcuts you take in your work, the more problems will eventually surface.



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Word Bank

audience (n) ['ɔ:diəns] 觀眾；聽眾

At the end of the show, the **audience** stood and clapped.

various (adj) ['vəriəs] 各種各樣的

I have traveled to Japan at **various** times of the year, but my favorite time is April.

skillfully (adv) ['skɪlfəli] 熟練地

I watched my mother's hands as she **skillfully** chopped the vegetables.

capable (adj) ['keɪpəbəl] 有能力的

"I know you are **capable** of so much more if you simply tried," the teacher said.

merely (adv) ['mɪrli] 僅僅

When my dog is hungry, he **merely** sits by his bowl and waits.

continuous (adj) [kən'tɪnjuəs] 連續的

The excited little girl spoke in a **continuous** stream of words.

follower (n) ['fɒləʊə] 粉絲；追蹤者

Sandra got lots of new **followers** on her Instagram after posting her new song.

volunteer (v) [ˌvɒlən'tɪr] 自願做

I want to **volunteer** at an animal shelter because I love working with animals.

Word Bank Boost

skill (n) [skɪl] 技能

To develop a **skill**, you should practice it regularly.

skillful (adj) ['skɪlfəl] 熟練的

A **skillful** rock climber must have both arm and leg strength.

More Information

DJ (disc jockey) (n) ['diːdʒeɪ] DJ，唱片騎師

playlist (n) ['pleɪlɪst] 播放清單

Focus on Phrases

think on one's feet 隨機應變

keep (one) going 繼續...

bring together 使聚集；使友好

Key Points

- DJs work with many styles of music, entertain audiences and know how to use technology well.
- Volunteering at events will help a DJ practice their skills, meet people and get more opportunities to work.

TRAVEL

Traditional shops
in the Medina of
Marrakesh

Spice shop in Jemaa el-Fna



▲ Snake charmer

Marvelous Morocco

You won't soon forget the sights and sounds of Morocco

■ by Ruth Devlin / PAGE DESIGN BY ANGELA CHANG

19



Imagine a place where a soft whisper of wind moves across golden sand dunes that stretch far into the distance. Then, in **contrast**, imagine the hum of daily life in cities — people chatting, scooters buzzing through narrow alleys and teacups clinking in teashops. This is Morocco with its mix of spectacular beauty, ancient traditions and modern life.

The medina of Marrakesh is a UNESCO World Heritage **site**, which **is known for** its narrow streets, busy markets and historic **landmarks**. The central square, Jemaa el-Fna, is a **hive of activity**. **By day**, vendors there sell everything from fresh juices and spices to traditional goods. At sunset, the square transforms into a lively outdoor theater with street performers, snake charmers and musicians that entertain the crowd.

05



▼ Chefchaouen, the "Blue City"

© Shutterstock.com (X2)

Chefchaouen, known as the "Blue City" and situated in the Rif Mountains, is **noted for** its blue-painted streets and buildings. Why is everything blue? Some say the color was introduced by the Jewish **refugees** who settled there in the 1930s. To them, blue represents the sky and heaven, serving as a **reminder** of God's presence. Others claim that the blue paint helps keep mosquitoes away because it reflects light, making it less attractive to insects.

Usage Tip

be known for vs. known as vs. known to 形容詞 known 表「聞名的」，後方接不一樣的介系詞會表現出不一樣的意思。與 **for** 搭配，意思為「以（某特徵）聞名」；與 **as** 搭配，則表「以（某身分）聞名」；與 **to** 搭配，則表「為（某人）所知」。例句：Oppenheimer was known to the public as the "father of the atomic bomb."



Camel tour in the Sahara Desert

Talk About It

- Do you think it's important to visit UNESCO World Heritage sites? Why or why not?
- What kinds of things do you like to do when you visit new cities?



20



A trip to Morocco **isn't** complete **without** experiencing the Sahara Desert. Take a camel ride through the dunes, spend a night in a Berber camp, and **feast** your **eyes on** the **striking** sunset and sunrise over the sand. The Berber people, native to North Africa, are friendly and inviting. You may even be invited to share a meal of traditional Moroccan dishes.

Traditional Moroccan tea



© Shutterstock.com (x4)

10

Make time to wander through the Kasbah of Aït Benhaddou, an ancient village that is a UNESCO World Heritage site. It's famous for its traditional **architecture** and has been a filming location for many movies.

Usage Tip

double negation: no/not/never + ... without NP/V-ing
 一句中同時出現 no/not/never 和 without 這兩個否定字眼，會構成「雙重否定」的句式。雙重否定具「負負得正」之效，比起單純的肯定句，能帶出更強烈的肯定語意，並表現出某事物的不可或缺性。例句：The man never starts working without a cup of coffee every morning.

Kasbah of Benhaddou





TRAVEL

Roam around Fez, one of Morocco's oldest cities and home to the world's oldest university, founded in A.D. 859. The medina of Fez is a maze of more than 9,000 narrow streets and alleys! Because fewer tourists come here, it's easier to get a more authentic **peep** into Moroccan life. It is considered the **spiritual** and cultural capital of Morocco. One of the city's most memorable sights is the Chouara **Tannery**, where traditional leather-making techniques are still used. Although you can't enter the Royal Palace, **stop by** to view the stunning golden doors and take a selfie.

Whether you're seeking adventure or history, Morocco offers an **unforgettable** experience. 🦉

Key Points Unscramble the sentences to find the key points.
ancient traditions/Morocco/of natural beauty/is a/and/
modern life/spectacular mix ● _____

and/of/cultural capital/Fez/the spiritual/the country/is
considered ● _____

(Suggested answers on page 73)

▼ Ancient city of Fez



Word Bank

contrast (n) ['kɒn.trəst] 對照；差異

The **contrast** in opinions made the conversation very interesting.

landmark (n) ['lænd.mark] 地標；標誌性建築

Many people visit famous **landmarks** on their travels.

refugee (n) [ˌrefjuːdʒi] 難民

Thousands of **refugees** live in this camp, anxiously waiting to return home.

reminder (n) [rɪˈmaɪndə] 提醒

The note on the refrigerator is a **reminder** to buy milk.

striking (adj) ['straɪkɪŋ] 惹人注目的

The model's **striking** beauty attracted a lot of attention.

peep (n) [pi:p] 一瞥

She took a quick **peep** out the window.

spiritual (adj) ['spɪrɪtʃuəl] 精神的

This book explores several **spiritual** beliefs.

unforgettable (adj) [ˌʌnfəˈɡetəbəl] 難忘的

His trip to the Middle East was **unforgettable**.

Word Bank Review

site (n) [saɪt] 遺址

Let's visit the historical **sites** tomorrow.

architecture (n) [ˈɑːkɪˌtektʃə] 建築風格

This city is known for its amazing **architecture**.

More Information

clink (v) [klɪŋk] (使)叮噠作響

medina (n) [mɪˈdɪnə] 舊城區

snake charmer (n) [sneɪk][ˈtʃɑːmə] 弄蛇人

Berber (adj) [ˈbɜːbə] 柏柏人

tannery (n) [ˈtænəri] 製革廠

Focus on Phrases

hive of activity 繁忙的場所

by day 白天

noted for 因...而著名

feast (one's) eyes on (someone or something)

盡情欣賞...

roam around 漫步逛逛

stop by 順路造訪

▼ Leather dying in a traditional tannery





THE LEGACY OF JOHANN SEBASTIAN BACH

The music of this baroque composer and keyboardist lives on

by Linda Ludwig / PAGE DESIGN BY MICHAEL TSE

Still influential today, Bach wrote music for both musical instruments and singers, laying the foundation for later composers.

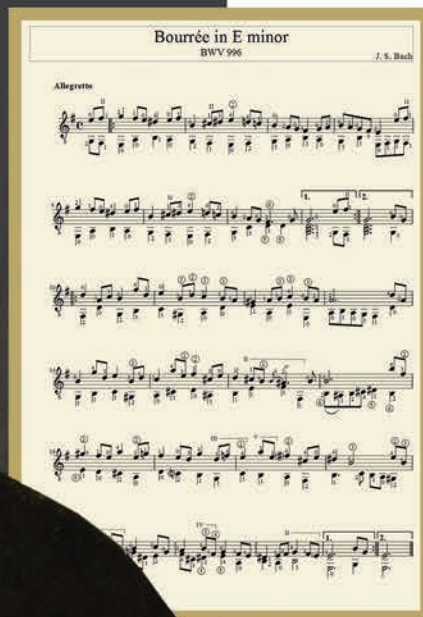
21



Imagine being 340 years old and still able to influence people today. Believe it or not that is an **apt** description of the famous composer Johann Sebastian Bach.

- 05 While you may find that hard to believe, especially if you don't care for classical music and have never been to a concert, you more than likely have been to the movies. If you have seen, for example, *The LEGO Batman*
- 10 *Movie* or the film **adaptation** of *The Phantom of the Opera*, you've heard Bach. Or perhaps you are a Beyoncé fan and love her version of the Beatles' classic *Blackbird*, which has its roots in Bach's *Bourrée in E Minor*.

- 15 Born in Eisenach, Germany, on March 21, 1685, to Johann Ambrosius Bach, the town musician, and his wife, Elisabetha, JS Bach was the
- 20 youngest of eight children. At that time in Germany, the **surname** Bach was synonymous with "musician" because many of Bach's
- 25 ancestors had worked as organists, singers and music directors.



J.S. Bach 'Bourree in E minor'

Talk About It

- Who is your favorite classical music composer? Why?
- What movie have you seen that has Bach's music in it?



Usage Tip

sequence word: following (the following vs. as follows)

Following 為介系詞，後接名詞 N，意為「在 N 之後」，表時間順序；the following + be + N 意思則為「接下來是 ...」，用來引出對 N 的介紹。在該句型中，N 若為單數，be 動詞使用為 is，若 N 為複數，則搭配 are；be/V as follows 則為「如下所列」之意，後方會進一步列舉項目來進行解說。例句：The books in the library are categorized as follows: fiction, non-fiction, biographies, and reference materials.

The youngster learned first from his father and then from his oldest brother, Johann Christoph, himself an organist, who took in Johann Sebastian **following** the death of both parents when he was just 10. Historians have **speculated** that it was this brother that gave the young Bach his first formal keyboard — organ and harpsichord — lessons.

In 1703, at age 18, he obtained his first job as a violinist at the court of Duke Johann Ernst, where he **enhanced** his reputation as an amazing performer.

Then in 1708, he became the organist at the court of Duke Wilhelm Ernst. **It was** during his time there **that** he wrote several pieces of religious music for singers and instruments, including the famous *Jesu, Joy of Man's Desiring*, as well as some of his best organ compositions. When Bach accepted a position with Prince Leopold of Anhalt-Cöthen in 1717, the duke, not wanting to lose him, had him **imprisoned** for several weeks before releasing him.

Usage Tip

it + be + Clause/NP/PP ... + that ... 分裂句 it is/was ... that ... 是一種強調句構，將欲強調之資訊獨立出來，置於 be 動詞和 that 間，來表達「正是 ...」之意。欲強調的內容可以是名詞片語 (NP)，介系詞片語 (PP) 或副詞子句，如本句強調處 during his time there 就是一個 PP。根據時態需求，be 動詞可使用現在式的 is 或過去式的 was。例句：It was because they worked as a team that they won the competition.

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- **Date of Birth:** March 21 (Julian calendar, March 31 in the Gregorian calendar), 1685.
- Bach composed 1128 pieces of music in his lifetime and left another 23 pieces that were unfinished or lost.
- St. Thomas Church is considered an important center of classical music. It holds an evening service on Fridays that usually features a cantata by Bach.
- Most of Bach's works were written when he was employed by St. Thomas Church.
- Bach was both humorous and inventive. Described as a mini comic opera, *Schweigt Stille, Plaudert Nicht* (*Be Still, Stop Chattering*) is about a father trying to cure his daughter of her coffee addiction. Its first performance was most likely in a Leipzig coffee house.



St. Thomas Church in Leipzig, Saxony - Germany

During his six years with Prince Leopold, Bach **wrote for** solo instruments, including the violin, and compositions for orchestras along with dance suites and sonatas. With the **dissolution** of the prince's orchestra in 1723, Bach took a position at St. Thomas Church in Leipzig, where he was the organist and choir director until his death in 1750.

Many still **revere** Bach today because of his incredible musical talent and lasting influence on Western music. He was a master of counterpoint, harmony and structure, creating complex yet beautiful music. His work **laid the foundation** for later composers, and his pieces are still widely studied and performed for their technical brilliance and depth of expression. 🦉

Ready for a challenge? Try Advanced magazine!

Key Points

Complete the sentences below.

- An _____ description of Johann Sebastian _____ is that he still _____ people today through his _____.
- After _____ his reputation as an amazing _____ at an early age, Bach worked for a number of _____ and wrote music for various _____ and singers his entire life.

(Suggested answers on page 73)



St. Thomas Church and School in 1723

Word Bank

apt (adj) [æpt] 適當的；貼切的

The child gave a very **apt** description of what happened in the park.

adaptation (n) [ˌædæpˈteɪʃən] 改編

The movie was an **adaptation** of a French film from 50 years ago.

surname (n) [ˈsɜːnem] 姓氏

In Chinese, a person's **surname** comes before their given name.

speculate (v) [ˈspekjəˌleɪt] 推測；猜測

Bob's teachers **speculated** that he would go to medical school after college.

enhance (v) [enˈhæns] 提高；增強

Barney bought some stocks to **enhance** his financial standing.

imprison (v) [ɪmˈprɪzən] 囚禁，關押

Nelson Mandela was **imprisoned** for nearly 30 years before becoming president of South Africa.

dissolution (n) [ˌdɪsəˈluʃən] 解散

The **dissolution** of the congress meant that there would be new elections.

revere (v) [rɪˈvɪr] 崇敬；尊敬

Mahatma Gandhi is **revered** for being a nonviolent leader and leading India to independence.

Word Bank Review

legacy (n) [ˈlegəsi] 遺贈

This book talks about the **legacies** of some of the world's most important leaders.

lay a/the foundation(s) (phr) [leɪ][ə/ðə] [faʊnˈdeɪʃən] 為...打下基礎

The doctor's research **laid the foundation** for a cure for the terrible disease.

More Information

baroque (adj) [bəˈroʊk] 巴洛克式的

synonymous (adj) [sɪˈnənəməs] 同義的

duke (n) [duk] 公爵

sonata (n) [səˈnɑːtə] 奏鳴曲

counterpoint (n) [ˈkaʊntəˌpɔɪnt] 對位法

Focus on Phrases

live on 繼續存活

believe it or not 信不信由你

care for 信不信由你

write for 為...編寫



Hip-Hop:

From the Streets to the World Stage

Learn about the dance style that's grabbing attention around the world!

by Campbell Chang / PAGE DESIGN BY MICHAEL TSE

24



Hip-hop began in the early 1970s in the Bronx, New York City, during block parties. It started as a way for people to **connect** with their neighbors and build a sense of **community**. Influenced

by African and Latin American traditions, hip-hop blended different sounds and styles. DJs **spun** tracks, MCs rapped and dancers **lit up** the streets. Today, hip-hop is a global sensation! It is more than just music — it's a culture that includes fashion, language and attitude.

Usage Tip

S + be + as + adj./PP as S + be + adj./PP 「as A as B」修飾同一主題，表「(某人事物)既 A 又 B」，用以說明主詞的 A 與 B 兩狀態一樣顯著。A 與 B 的詞性結構須一致，常同為形容詞 (adj.) 或介系詞片語 (PP)。惟 B 部分會先出現主詞的代名詞 + be，再接形容詞或介系詞片語，藉此平衡句子結構，並使修飾對象更清楚。例句：The celebrity's life stories are as entertaining as they are inspiring.

Talk About It

- What do you think about hip-hop culture and why?
- I think hip-hop culture is ... because ...
- Which of the hip-hop dance styles is your favorite? Why?
- My favorite hip-hop dance style is ... because ...

Hip-hop dance, which is energetic and creative, **is as much about self-expression as it is about rhythm and technique**. Dancers bring their own personal touch to their dances. It's not just about moves; dancers express thoughts and feelings in their dance. They use their moves to tell stories, reflect struggles and share joy. This connection to real experiences makes hip-hop powerful and **stand out**.

In 2024, breaking, a style of hip-hop dance, was added to the Olympics as a new sport. This proved that it's more than a neighborhood dance — it's an international phenomenon.



Five Hip-Hop Dance Styles

Freestyle
Krumping
Locking
Popping
Break dancing (Breaking)

© Shutterstock.com

25



Within hip-hop, there are five key dance styles, each bringing its own **unique** energy. In freestyle, dancers let the music guide them without a set **routine**. They **make up** their moves in the moment. Then there's krumping, a dynamic style full of intense and powerful moves, often used to show strong emotions. In popping, dancers **tighten** muscles quickly, creating sharp, sudden movements. The dancers move as if they were robots. Locking shares some similarities, but here, dancers **pause** and hold their positions longer. It's almost as if they're "locking" their movements in place. Finally, there's breaking or break dancing, which is famous for its athletic spins, tricks and detailed steps.

Hip-hop dance **has come a long way** from block parties in the Bronx. It has developed into a powerful art form now found in almost every major city. With its **diverse** styles and focus on self-expression, hip-hop continues to push boundaries. It brings people together one move at a time. 🦉

Usage Tip

"within" used in time, space, a range of/inside something ... 介系詞 within 表「在（某範圍）內」。這個範圍可以是一段時間內（如 within a week），一段距離內（如 within two miles），一個區域內（如 within the United States），一個領域內（如本句中的 within hip-hop），一個額度內（如 within the budget），一個規範內（如 within the guidelines）等等，只要超過這個範圍，就予以討論或接受。例句：Free shipping of the product is offered only within the main island of Taiwan.

Key Points

- Hip-hop began as a community activity in the 1970s Bronx and has developed into a global culture.
- Hip-hop's five key dance styles — freestyle, krumping, popping, locking and breaking — showcase hip-hop's diversity and self-expression.

Word Bank

connect (v) [kəˈnɛkt] 連結；建立良好關係

People **connect** through shared interests and stories.

community (n) [kəˈmjʊnɪti] 社區；群體

After the storm, the **community** got together and cleaned up the park.

spin (v) [spɪn] 快速旋轉

Brad loves to **spin** records and listen to music.

technique (n) [tɛkˈnɪk] 技巧；技術

The artist's painting **technique** is very impressive.

unique (adj) [juˈnɪk] 獨特的

Each drawing is completely **unique**.

routine (n) [ruˈtiːn] 固定動作

Their dance **routine** was perfectly timed.

tighten (v) [ˈtaɪtn] 繃緊

The boy **tightened** his muscles to lift the weight.

pause (v) [pɔːz] 暫停

Pause for a second. Don't move.

diverse (adj) [dɪˈvɜːs] 多種多樣的

New York City is made up of people from very **diverse** cultures.

Word Bank Boost

connected (adj) [kəˈnɛktɪd] 連在一起的

Gregory is well **connected** and knows a lot of people.

connection (n) [kəˈnɛkʃən] 連繫

Meryl and Theo had a strong **connection** as soon as they met.

disconnect (v) [ˌdɪskəˈnɛkt] 切斷（電話、電源等）

Vivian decided to **disconnect** and enjoy an evening without screens.

More Information

block party (n) [blak][ˈpɑːti] 街區派對

MC (a master of ceremonies) (n) [ˈɛmˈsi]

饒舌說唱歌手

rap (v) [ræp] 饒舌

Focus on Phrases

light up 照亮

stand out 顯著

make up 編造

have come a long way 取得長足進展



Take control of your life **one day at a time**

■ summarized by Simon Stopps / PAGE DESIGN BY ANGELA CHANG

26



Are you worried? Modern life has made **anxiety** a daily struggle for many, but it doesn't have to be that way. *How to Stop Worrying and Start Living* offers one path of escape. In his book, Dale Carnegie provides an engaging **exploration** of effective ways to reduce worry and live a more balanced life.

The book emphasizes that excessive worrying can impact both mental and physical health and be linked to issues like heart disease, digestive problems and depression. Importantly, Carnegie also notes that people often waste energy worrying about problems that never become reality. The solution is to live one day at a time. **If** people focused on the present, they **wouldn't** become **overwhelmed** by regrets from the past or fears about the future.

The book shares numerous stories of people who dealt with their anxieties by changing their thinking, managing stress and staying positive. It advises staying engaged with meaningful activities. Why? People who are busy don't have time to worry.

Carnegie suggests that, through careful consideration and **decisive** action, people can mitigate their anxiety and achieve a sense of control. This ultimately **leads** them **to** have more **fulfilling** lives.

Key Points

Unscramble the sentences to find the key points.

that never/the book/our mental and physical health/
worrying can affect/even though/about things/really
happen/we often worry/notes that ● _____
_____.
of/were good ways/Dale Carnegie/and working on/
believed that/meaningful things/reducing anxiety/
focusing on the present ● _____
_____.

(Suggested answers on page 73)

Usage Tip

If + S + V-ed/were ..., S + would/could/might + VR ... 此句型為「與現在事實相反」的假設語氣。在此結構中，if 子句須使用過去式動詞，主要子句則須使用過去式助動詞 would/could/might + VR，這裡的過去式並非指過去發生的事，而是強調假設情況與現實不同。此外，was 不會出現於假設語氣中，一律以 were 代替。例句：If the housing prices were lower, many young people could afford their own homes.



So how do you regain control of your life? Carnegie offers a range of strategies. One method he **recommends** is to **confront** fears **head-on** by asking, “What is the **worst** that can happen?” Accepting the worst-case **scenario** allows people to stop fearing the unknown and instead focus on improving their situation.

Small improvements are also very important. Fears and worries often compound problems. Small improvements are a practical way to reverse that process. Set some priorities at work and clear your desk of everything that doesn't relate to the immediate problems at hand. Do things in order of importance. If you are able to solve the problem in front of you, do it. And don't be afraid to organize and ask others to help you. You'll be surprised how **productive** you can be with this approach. By the time you complete your most urgent tasks, you will already have made significant progress.

Carnegie also believes that consistent habits are important. They help people develop **resilience** so that they can **endure** life's **inevitable** challenges. Ultimately, by adopting these strategies and building resilience, people can experience a greater sense of control over their lives and significantly relieve their anxieties.



Usage Tip

worst vs. worse (if worse/worst comes to worst) 形容詞 bad 的最高級為 worst，比較級則為 worse。這兩字可作名詞用，表「最／更糟的人或事物」，如本句 “What is the worst that can happen?” 或 “Worse is to come.” (更糟的還在後頭)。同為名詞用法的還有慣用語 if (the) worse/worst comes to (the) worst (如果發生最糟的情況)，用於表達最壞狀況發生時，可以有何因應措施。例句：If worse comes to worst and all transportation services are unavailable, we'll just walk there.

Word Bank

anxiety (n) [æŋˈzaiəti] 焦慮，不安

Every time she takes a test, Sharon experiences a lot of **anxiety**.

exploration (n) [ˌekspləˈreɪʃən] 探索；研究

Rob's **exploration** of Shakespeare made him realize how many English words come from Shakespeare's plays.

overwhelm (v) [ˌovəˈwelm] 使不知所措；使難以承受

Sandy felt **overwhelmed** by the amount of work she was expected to do by her boss.

fulfill (v) [fʊlˈfɪl] 滿足；使滿意

Many say that the key to happiness is to find a **fulfilling** career.

recommend (v) [ˌrɛkəˈmend] 推薦；建議

One relaxing activity my counselor **recommends** is to read before bedtime.

scenario (n) [sɪˈnəri.o] 可能事件；劇本

One **scenario** is that the storm will pass by the island.

productive (adj) [prəˈdʌktɪv] 富有成效的

Joanne felt that the meeting had been very **productive** and some good decisions had been made.

inevitable (adj) [ɪnˈevɪtəbəl] 不可避免的；必然發生的

After years of smoking, it was **inevitable** that Joseph got sick.

Word Bank Review

decisive (adj) [dɪˈsɪsɪv] 果斷的

The president is a very **decisive** leader.

endure (v) [enˈdʊr] 忍受

Pennie had to **endure** a long surgery after her accident.

More Information

digestive (adj) [daɪˈdʒestɪv] 消化的

ultimately (adv) [ˈʌltəməltli] 最終，最後

resilience (n) [rɪˈzɪljəns] 韌性；復原力

Focus on Phrases

one day at a time 一次一天地；順其自然

lead to 導致

confront (something) head-on 正面面對

Talk About It

- How does focusing on the present, rather than the future or the past, help reduce anxiety?
- Why do small improvements help you take control of your situation?

THE WAR ON ZEBRA MUSSELS

The problems with this species and what to do about them

by Elizabeth Koroma / PAGE DESIGN BY MICHAEL TSE

Developing Key Competencies

精進素養學習

Please turn to p.56



Some species, such as zebra mussels, can attach themselves to ships and boats and be carried to new ecosystems where they cause a great deal of harm.

28



When we think of human actions damaging the environment, we often think of pollution, **excessive** use of resources or destruction of habitats. But introducing new species into areas where they don't naturally live can also be **destructive**. **One such invasive** species is the zebra mussel.

Zebra mussels live in fresh water and are native to the Caspian and Black Seas, which are found in between Europe and Asia. These seas are less salty than most, so a freshwater species like the zebra mussel can live there and in nearby lakes. By **latching onto** ships, the mollusks have spread to much of Europe and North America, causing a problem for humans and the environment alike.

Usage Tip

one such vs. such a/an 若想為先前已提過的一個群體（如文中的 new species）舉一個例子（如本句中的 zebra mussel），可以使用 one such N，來表達「其中一個這樣的 N」；such a/an N 則是表「這樣的一個 N」，用於直接強調某人或某事物的獨特性，並未特別指出此 N 是群體中的一例。例句：I've never met such a patient teacher, who explains every concept until we all understand.

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When species are **abruptly** introduced to a new ecosystem, they often disrupt the balance of that ecosystem, and zebra mussels are no exception. They feed by filtering phytoplankton and other nutrients out of the water when they pass through their shells, and they do so with striking efficiency. This means that when zebra mussels arrive in a new area, they consume so much phytoplankton that other species that also eat the same food source struggle to get a sufficient amount of food. Since those other creatures, **in turn**, are a food source for still other species, the zebra mussels **invariably** harm everything in the lake.



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Talk About It

- Do you know of any other invasive species? What are they, and how do they spread?
- Do you think that humans are responsible for the spread of zebra mussels and other invasive species? Why or why not?



Zebra mussels also create problems for humans because they multiply so quickly. They often grow on objects made by humans, and **clusters** of zebra mussels can prevent these objects from functioning. For example, zebra mussels have been known to **obstruct** the flow of water through pipes, which can prevent communities from getting clean drinking water. Zebra mussels attach to these objects firmly enough that they can prove difficult and expensive to clean.

Removal of zebra mussels is incredibly difficult, so only by stopping them from spreading can people limit the trouble they cause. Governments of areas affected by these mollusks are **taking steps to** prevent their spread. But since they spread mostly by privately-owned boats, the owners of these boats are responsible for taking their own **preventive** measures.

Key Points

Complete the sentences below.

- When an _____ species such as the zebra mussel is _____ added to a new ecosystem, it _____ harms that environment.
- Because _____ of zebra mussels is so difficult, stopping their _____ is a good option for preventing damage to an area's _____ and environment.

(Suggested answers on page 73)

SDGs



Word Bank

destructive (adj) [dɪ'strʌktɪv] 破壞性的

The **destructive** storm wiped out several villages in the mountains.

invasive (adj) [ɪn'vesɪv] 侵入的

That **invasive** plant nearly destroyed my garden.

abruptly (adv) [ə'brʌptli] 突然地；意外地

The weather changed **abruptly** from sunshine to rain yesterday afternoon.

invariably (adv) [ɪn'veəriəbli] 總是，老是

Wherever we go on vacation, it **invariably** rains there.

obstruct (v) [əb'strʌkt] 堵塞，阻擋

The lady's hat **obstructed** Emily's view of the movie.

removal (n) [rɪ'mʊvəl] 除去

The **removal** of household trash takes place every Friday.

preventive (adj) [prɪ'ventɪv] 預防的

The practice of **preventive** medicine should help cut down on the cost of health care.

infrastructure (n) ['ɪnfə'strʌktʃə] 基礎建設

Much of the city's **infrastructure** was damaged by the earthquake.

Word Bank Review

excessive (adj) [ɪk'sesɪv] 過度的

Maurine drank an **excessive** amount of coffee when she was studying for her final exams.

cluster (n) ['klʌstə] 簇，群

Clusters of people stood outside the building where the fire was raging.

More Information

mollusk (n) ['mɒləsk] 軟體動物

phytoplankton (n) [ˌfaɪtoʊˈplæŋktən] 浮游植物

larva (n) ['lɑrvə] 幼蟲

infestation (n) [ˌɪnfes'teɪʃən] 侵擾，大批出沒

Focus on Phrases

latch onto 抓住

in turn 反過來

take steps to (do something) 採取步驟...

end up 最後處於

While zebra mussels usually reach new locations by attaching to boats or other objects, they also produce larvae that are often too small to see. If these larvae **end up** in a body of water without zebra mussels, they can start a new zebra mussel infestation. Thus, boats and their motors need to be drained before being moved from one lake to another **lest** they carry these larvae to a place that did not already have zebra mussels. Doing this not only helps protect the environment but also prevents damage to **infrastructure**. 🐼

Ready for a challenge? Try Advanced magazine!

Usage Tip

S + V + lest + S (+ should) + VR ... 連接詞 **lest** 表「以免，唯恐」，為正式書面用語，在 **lest** 引導的子句中，會使用助動詞 **should**，但此字可省，只留下原形動詞。For fear that 亦可表「以免」，正式程度較低，更適用於口語或一般書面語，且在 **that** 引導的子句中，無需搭配 **should**，因此本句可改為 ... for fear that they will/would carry these larvae to a place ...。例句：The speaker brought notes with him lest he (= for fear that he might) forget what he'd like to say.

Talk About It

- What is your favorite spring flower? Describe it.
- *My favorite spring flower is ... and it looks like ...*

Daffodils — Spring's Perfect Flower



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"Daffodils ... take the winds of March with beauty."
~ William Shakespeare

In China, daffodils represent good luck. In Wales, it is believed that the person who spots the first daffodil of the season will have wealth.

31



by Pamela Osment / PAGE DESIGN BY ANGELA CHANG

Spring is the season when daffodils start popping up. After a long dreary winter, the cheerful **blooms** give a sense of joy and hope. Though yellow is the most common color, daffodils will sometimes have white, pink and orange petals, too.

The flowers are native to southern Europe and northern Africa but grow in many parts of the world. Today, the United Kingdom is the world's largest grower of daffodils. Ancient Roman soldiers **are believed to have** first taken the daffodil **bulbs** to Britain. They often carried them into battle and used them in medicine. They didn't realize that all parts of daffodils are **poisonous**. For that reason, it's important to keep pets and children away from them.

One of the earliest spring flowers to emerge, daffodils don't last long, but the plants aren't gone forever. **In fact**, some have bloomed for many years. Under the cold winter ground, their bulbs store energy, **getting ready for** their next grand entrance. And just like clockwork, the pretty colored **blossoms** appear, and we know that spring has arrived once again! 🐣

Word Bank

- bloom** (n) [blum] 花朵
This flower's **blooms** are large and colorful during the summer months.
- bulb** (n) [bʌlb] 球根
You can keep flower **bulbs** in the refrigerator until it's time to plant them.
- poisonous** (adj) [ˈpɔɪzənəs] 有毒的
All the mushrooms in that picture are **poisonous**.
- blossom** (n) [ˈblɒsəm] 花朵
Many people travel to our area in the spring to see the cherry **blossoms**.

Word Bank Boost

- poison** (n) [ˈpɔɪzən] 毒
Taking drugs is like putting **poison** in your own body.
- poisoning** (n) [ˈpɔɪzənɪŋ] 中毒
The child died from lead **poisoning**.

More Information

- dreary** (adj) [ˈdriːrɪ] 陰鬱的
- petal** (n) [ˈpetl] 花瓣

Focus on Phrases

- in fact** 事實上
- get ready for (something)** 準備好...

Usage Tip

S + be + thought/said/believed + to VR/have + p.p. 本句型意為「S 被認為（做了某事）」，使用 to VR 表達此動作與主要動詞 be 同時發生，使用 to have p.p. 則表此動作比主要動詞 be 早發生。此外，該句型可改為 **It + be + thought/said/believed that S + V**。例句：The mansion is said to have been inhabited by a royal family. (= It is said that the mansion was inhabited by a royal family.)

Key Point

- Daffodils, one of the earliest spring flowers, are usually bright yellow.

To translate from Chinese to English well, at least three key elements should be taken into consideration:

- A. verb tense B. vocabulary C. sentence patterns

Topic One: Social Media

1. Despite its widespread popularity, social media often leads to feelings of isolation.

儘管社群媒體廣受歡迎，但它常常導致孤立感。

Practice 1: 雖然社群媒體提供即時交流，但它也會快速傳播錯誤訊息。

Hint:

Tense: simple present tense

Vocabulary: communication, misinformation, quickly

Sentence pattern: **Despite, in spite of, although, though ...**

2. I notice people usually spend hours scrolling through social media every day.

我注意到人們通常每天花幾個小時瀏覽社群媒體。

Practice 2: 我們經常觀看網紅在社群媒體平台上推廣品牌和產品。

Hint:

Tense: simple present tense

Vocabulary: influencer, promote, brand

Sentence pattern: **S + hear/listen to/see/watch/look at/notice/feel/etc. + O + V/V-ing**

Topic Two: Water Crisis

3. Rumor has it that some countries will face severe water shortages within the next decade if no action is taken.

傳言指出，如果不採取行動，一些國家在未來十年內將面臨嚴重的水資源短缺。

Practice 3: 傳說由於豐富的水源，古文明曾在如今的沙漠地區繁榮昌盛。

Hint:

Tense: simple present tense

Vocabulary: water sources, civilization, prosper

Sentence pattern: **Legend / Rumor has it that + S + V**

4. It is important that people reduce water waste to help conserve this vital resource.

減少浪費水資源對於保護這項重要的資源，是很重要的。

Practice 4: 各國政府立即採取行動因應水資源危機，是很必要的。

Hint:

Tense: simple present tense

Vocabulary: governments, action, address

Sentence pattern: **It is important/essential/desirable ... that + S + (should) + V**

Try it!

1. 儘管 Margaret 喜歡閱讀，她更喜歡在晚上畫畫。

2. 儘管交通擁塞，Jeff 每天仍能準時上班。

3. 午休期間，Bob 和 Matt 看著建築工人建造一座連接兩個鄰近城市的新橋梁。

4. Sophie 經常聽到科學家討論對抗最新疾病的新方法。

5. 傳說亞馬遜雨林深處隱藏著一座由黃金打造的祕密城市。

6. 謠言指出，一家著名科技公司正在祕密開發一款突破性的新設備。

7. 企業採用道德規範以確保永續性和人們的信任，是很可取的。

8. 學生培養批判性思考能力在當今複雜的世界中取得成功，是很重要的。

(Answers on page 72)

Improve Your Writing Skills Answers:

Practice 1: Although social media provides instant communication, it can also spread misinformation quickly.

Practice 2: We often watch influencers promoting brands and products on social media platforms.

Practice 3: Legend has it that, due to abundant water sources, ancient civilizations once prospered where today's deserts exist.

Practice 4: It is essential that governments take immediate action to address the water crisis.

Scan the QR code for the answer key and an exclusive introduction with Teacher Sonya!



Session 1: Comprehension Check

Hello, explorers of aquatic ecosystems! Get ready to test your knowledge on the zebra mussel invasion. After reading the article, try these questions to see how much you've learned!

- Where are zebra mussels originally from?
 - North America
 - The Caspian and Black Seas
 - The Atlantic Ocean
 - The Mediterranean Sea
- What is one major way zebra mussels spread to new environments?
 - Air travel
 - Swimming across oceans
 - Attaching to ships and boats
 - Being carried by birds
- Why are zebra mussels harmful to other species in lakes?
 - They poison the water.
 - They eat all the other species.
 - They filter too much phytoplankton, leaving little food for other species.
 - They increase the temperature of the water.
- How do zebra mussels affect human-made structures?
 - They prevent boats from moving.
 - They eat through metal pipes.
 - They multiply on structures and block water flow.
 - They cause lakes to dry up.
- What is one preventive measure boat owners can take to stop the spread of zebra mussels?
 - Paint their boats with special chemicals
 - Drain boats and motors before moving them from one lake to another
 - Spray boats with saltwater before launching
 - Use a fish net to catch zebra mussels before they spread

Session 2: Sustainable Development Goals (SDGs) Alignment

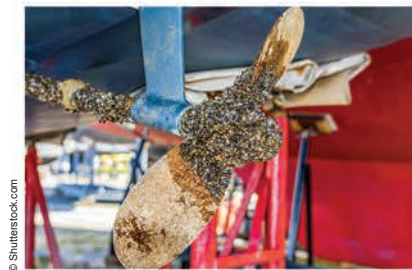
Hello, eco-warriors! Let's connect this issue to the global goals for a sustainable future. Think about how zebra mussel invasions impact the environment and communities.

Question: Which Sustainable Development Goals (SDGs) do the issue of zebra mussels align with?

Session 3: Inquiry Questions for Deeper Thinking

Hi, curious minds! Let's dive even deeper.

These questions will get you thinking at different levels about the zebra mussel problem. Ready to explore new ideas? Here we go!



Factual Questions:

What are zebra mussels, and how do they spread to new environments?

Conceptual Questions:

How do invasive species like zebra mussels affect biodiversity in freshwater ecosystems?

Debatable Questions:

Should governments enforce stricter regulations on boaters to prevent the spread of zebra mussels, or should boat owners take full responsibility?

Session 4: Action Plan Creation

All right, problem-solvers! Now it's time to take action. Let's create a step-by-step plan to help prevent the spread of zebra mussels. Think of it as your own mission to protect the waters!

Step 1: Identify the Problem

Question: Why are zebra mussels a threat to the environment and human infrastructure?

Step 2: Understand the Current Solutions

Question: What are some measures already being taken to stop the spread of zebra mussels?

Step 3: Create Your Own Action Plan

Question: If you were responsible for preventing zebra mussels from spreading, what steps would you take?

Step 4: Monitor and Reflect

Question: How will you measure the success of your action plan?

Answers:

**Session 1: Comprehension Check
(Multiple Choice)**

1. b
2. c
3. c
4. c
5. b

Session 2: Sustainable Development Goals (SDGs) Alignment

Question: Which Sustainable Development Goals (SDGs) do the issue of zebra mussels align with?

Answer:

- Goal 6 — Clean Water and Sanitation: Zebra mussels block water pipes, impacting access to clean drinking water.
- Goal 14 — Life Below Water: Zebra mussels disrupt freshwater ecosystems, harming biodiversity.
- Goal 15 — Life on Land: Though primarily affecting water, they can also impact land by altering nearby habitats.

Session 3: Inquiry Questions for Deeper Thinking

Factual Question:

What are zebra mussels, and how do they spread to new environments?

Suggested Answer: Zebra mussels are an invasive species native to the Caspian and Black Seas. They spread by attaching to boats and ships.

Conceptual Question:

How do invasive species like zebra mussels affect biodiversity in freshwater ecosystems?

Suggested Answer: Invasive species outcompete native species for food and resources, often disrupting the food chain and causing declines in biodiversity.

Debatable Question:

Should governments enforce stricter regulations on boaters to prevent the spread of zebra mussels, or should boat owners take full responsibility?

Suggested Answer: This is a complex issue. Some argue that government regulation is essential to protect public resources, while others believe individual responsibility is enough if boaters are well-informed.

Session 4: Action Plan Creation

Step 1: Identify the Problem

Question: Why are zebra mussels a threat to the environment and human infrastructure?

Possible Answer: Zebra mussels overconsume phytoplankton, harming aquatic life, and they block water pipes and other structures, making them expensive to manage.

Step 2: Understand the Current Solutions

Question: What are some measures already being taken to stop the spread of zebra mussels?

Possible Answer: Governments are implementing policies, and boat owners are encouraged to drain their boats and motors to stop larvae from spreading.

Step 3: Create Your Own Action Plan

Question: If you were responsible for preventing zebra mussels from spreading, what steps would you take?

Possible Answer:

1. Education: Start a campaign to inform boaters about the importance of draining their boats.
2. Prevention: Set up cleaning stations at popular lakes for boaters to clean and inspect their boats.
3. Regulation: Work with local authorities to ensure there are regulations in place that require boaters to follow proper protocols.

Step 4: Monitor and Reflect

Question: How will you measure the success of your action plan?

Possible Answer: I could track the number of boaters using cleaning stations and monitor nearby lakes for any signs of new zebra mussel infestations. Regular feedback from the community would also help refine the plan.

Listening Comprehension:

Use the QR code to listen to the audio recordings you will need to answer the questions in the following sections.

**Question-Response**

You will hear a question or statement and three responses. They will not be printed in your test book and will be spoken only one time. Select the best response to each question or statement.

- | | |
|--------|--------|
| 1. (A) | 3. (A) |
| (B) | (B) |
| (C) | (C) |
| 2. (A) | |
| (B) | |
| (C) | |

Conversation

You will hear some conversations between two or more people. You will be asked to answer three questions about what the speakers say in each conversation. Select the best response to each question. The conversations will not be printed in your test book and will be spoken only one time.

Questions 4 through 6 refer to the following conversation.

- | | |
|----------------------------------|---|
| 4. Who most likely is the woman? | 5. What was the girl doing? |
| (A) A salesman | (A) Washing dishes |
| (B) A doctor | (B) Using a computer |
| (C) A firefighter | (C) Cooking dinner |
| (D) A pilot | (D) Lighting a candle |
| | 6. What does the woman mean when she says, "arrive on the scene?" |
| | (A) Start recording |
| | (B) Be at a location |
| | (C) Go high in the air |
| | (D) Enter a building |

Incomplete Sentences

A word or a phrase is missing in each of the sentences below. Four answer choices are given below each sentence. Select the best answer to complete the sentence.

7. In order to cut costs, I'm afraid we'll have to start _____ our telemarketing.
(A) outsource
(B) outsources
(C) outsourced
(D) outsourcing
8. Let's cash in on this new trend that's _____ and start selling similar products.
(A) undecided
(B) not accepted
(C) out of favor
(D) all the rage
9. There's a _____ of people in the cafeteria right now because of the free coffee giveaway!
(A) stampede
(B) getaway
(C) flight
(D) dash

Reading Comprehension

In this part, you will read a selection of texts, such as magazine and newspaper articles, emails and instant messages. Each text is followed by several questions. Select the best answer for each question.

Questions 10-11 refer to the following notice.

NOTICE
REGISTRATION BEGINS TUESDAY, MARCH 4 at 7a.m. for the
TUCSON FLYERS HOCKEY TEAM

Registration is available online at www.tucsonflyershockey.com/registration. All players, whether you've played competitively or not, are invited to sign up to attend. Tryouts will take place over two weeks in April. There will be several pre-skate sessions before tryouts begin so that that players can warm up and get used to the ice again. Be ready to start skating at the beginning of April!

The deadline to register is March 24. There will be no late registrations except under exceptional circumstances, so please mark your calendars!

10. What do we know about the tryouts?

- (A) You need to sign up before March 24.
- (B) You need to sign up by March 4.
- (C) You can show up at the start of April.
- (D) You should be a good player to sign up.

11. What will take place before tryouts?

- (A) Meetings to let players know what to expect
- (B) Time for players to practice skating
- (C) Time off the ice to start stretching
- (D) Meetings to exchange equipment

Questions 12-16 refer to the following web page and email.

www.rentall.com/residential

Rentall, Inc.

Rental of all kinds of industrial, commercial and residential equipment

RESIDENTIAL EQUIPMENT AVAILABLE

Equipment	4 hours	12 hours	24 hours	1 week
Carpet Cleaner	\$35	\$56	\$80	\$150
Miter Saw	\$48	\$62	\$90	\$205
Chainsaw	\$51	\$86	\$110	\$280
Power Washer	\$51	\$86	\$110	\$280
Paint Sprayer	\$40	\$60	\$95	\$188

Click for more equipment

If you don't see the equipment you want on our list, call and ask us! This list is not always updated as we're constantly getting new equipment.

Not sure how to use the tool? We will teach you if you rent from us. Call today to check availability and to reserve your tools.

Questions? Call us at 333-5102 or email us at rick@rentall.com.

From: Magalie Marchand <mmmarchand@email.com>
To: Rick Rentall <rick@rentall.com>
Re: Equipment rental
Date: March 10, 2025

Hello,

I tried calling on the phone over the last few days but haven't been able to reach anyone. I thought it might be faster if I emailed.

I'm looking for a heat gun blower. I didn't see it on your site. It's something used to melt plastic. Could you tell me if you have this and how much it would cost to rent?

Also, I'd like to rent a miter saw for 1 week, a power washer for 1 day and a carpet cleaner for 1 day. I just want to confirm if the total price would be \$395. Is there tax on top of that? And can I reserve these via email? If not, can you please call me?

Thanks,

Magalie Marchand
333-5005

12. What does Rentall promise?
 - (A) To have every tool you need
 - (B) To match a lower price
 - (C) To show you how to use a rental
 - (D) To make sure you're safe when renting
13. Why did Magalie email?
 - (A) She had too many details to talk about.
 - (B) She couldn't get through by phone.
 - (C) She wanted to get the price in writing.
 - (D) She didn't have a phone she could use.
14. What information does Magalie need from Rentall?
 - (A) How to use a heat gun blower
 - (B) How she can borrow the equipment
 - (C) How they get so much equipment
 - (D) How she can look up what items there are
15. What do we know about renting the equipment?
 - (A) The more popular an item is, the more there are of them.
 - (B) The heavier the item, the more expensive it is.
 - (C) The longer you rent, the better the price.
 - (D) The more items you rent, the less it costs.
16. What do we not know from the website and email?
 - (A) If there is equipment for office buildings.
 - (B) If there is any way to contact the company.
 - (C) If there is a way to rent things for 7 days.
 - (D) If there is tax included in the prices.

(Answers on page 72)

These translations are for reference only.

本雜誌的中文翻譯提供文意參考，由於語言的差異，請勿逐字逐句比對學習。

p. 12

Gashapon®

扭蛋®

一起瘋這種簡單有趣的日本膠囊玩具

1

你把錢投入機器，然後轉動旋鈕。卡加…蹦！你聽到一個塑膠膠囊掉進下方托盤的聲音。打開膠囊……會是什麼呢？這一向都是驚喜！

扭蛋是從扭蛋機掉落出來的膠囊玩具，在日本非常流行。

扭蛋這個名稱源自於旋轉旋鈕時所發出的聲音——卡加，以及玩具掉落的聲音——蹦。扭蛋機遍布日本各地購物商區，像是秋葉原和池袋，都宣稱擁有成千上萬臺這樣的扭蛋機。

每臺扭蛋機都會展示貼有告示，顯示可以拿到的膠囊玩具。動畫主題的玩具是最受歡迎的扭蛋獎品之一。不過，扭蛋並不僅局限於動畫迷——扭蛋有適合每一個人的獎品！喜愛動物的人可以找到日本狗品種像是柴犬的迷你模型。熱愛美食的人可能會喜歡各種經典日本食物的微型模型。這些玩具都很小，並以優質材料製成，而且經常具有令人難以置信的細節處理。

如果你有機會前往日本，一定要試試扭蛋。千萬不要錯過這個有趣的文化體驗喔！🍷

如果你在臺北想玩扭蛋，可以前往萬華的「玩具舞臺」。此外，也可以在臺北車站的地下購物中心找到許多扭蛋機。



p. 14

Ryan Trahan — The Content Creator With a Heart of Gold

萊恩·特拉漢

看看這個迷人風趣的傢伙，如何「拯救YouTube」

3

大多數的YouTube內容創作者都有哪些共同之處？他們都追逐點擊數或觀看數，認為愈多點擊數愈好。基於這個原因，觀眾經常會看到各式各樣的驚人舉動，絕大部分都是為了增加點擊數字。

萊恩·特拉漢就在此時登場，一個對於自己的觀眾群懷有不同目標的內容創作者。他的目標是要「啟發人們採取行動改善人生」。他表示：「我的影片是要幫助你一步步採取步驟實現夢想。小小的進展經過長時間的增長累加，就能夠改變你的人生。」

特拉漢的人生在一九九八年開始於德州鷹湖城這座小鎮；他住在祖母的隔壁，實質上是由祖母撫養長大。祖母傳授他許多重要的價值觀。特拉漢非常感謝祖母教導了他不管做什麼都要竭盡全力，「務求做到最好」。

特拉漢還是高中生的時候，就和朋友共同創立了一間運動水壺公司，雙雙成了創業家。這個創業冒險則催生了特拉漢的YouTube頻道。

到了他以班上畢業生代表的身分從高中畢業時，大家都已經明白看出他胸懷遠大夢想。

4

幾年後，特拉漢認識到YouTube的潛力，於是決定從大學輟學追求自己的夢想。那時，他擁有兩萬訂閱者；一年後，他拿到了百萬訂閱戶！他覺得自己已經成功了！

然而，特拉漢開始意識到自己並沒有因為財富和名聲而變得更加快樂，因此他決定設法找尋答案。他經由這樣的追尋找到了耶穌，他說耶穌是為他帶來喜樂和正向心態的最初源頭。

這個全新的觀點促使他評估自己的影片，繼而聚焦在如何藉由這些影片幫助觀眾。現在，特拉漢利用自己傑出的說故事能力，製作出富有娛樂性及啟發性的影片，不但帶給觀眾歡笑，更引發他們省思。他以諸如運動、自信、動機等主題激勵觀眾。

此外，他的許多影片都是挑戰項目，目的在替援助貧困民眾的團體或機構募款。截至目前為止，他已經為許多團體募得了數百萬美元，像是「賑濟美國」這個幫助人們獲取糧食與資源的團體。

特拉漢運用自己的能力和影響力觸動全球各地民眾的人生，一次一部影片將世界變得稍微更加美好一點。🎬

p. 16

Where Should I Live?

大學生該住哪？

住家裡還是住宿舍，哪個更能體驗大學生活？

5

賽門和喬是鄰居。賽門剛結束大學一年級的課程，而喬則是剛從高中畢業。他們正在討論秋天來臨時的大學生活。

賽門：那麼喬，你打算要住校還是要通勤上學？

喬：我在想要不要選擇通勤，因為我父母家離學校挺近的。通勤似乎是合理的選擇；畢竟宿舍很貴，通勤可以省下很多錢。

賽門：是啊，宿舍確實很貴，可是住校也有不少好處。我是真的很享受住在學校宿舍的生活；如果通勤，你會錯過很多喔。

喬：比如什麼呢？我覺得即使不是全天候都在學校，我也一樣可以過得很好。我還是會去上課、和同學交流往來，還有參加各種活動。

賽門：但是宿舍生活不僅只是方便；而是攸關全然汲取整個大學的生活經驗。你會一直和同學在一起，不管是上課學習或是吃披薩。住在學校宿舍，社交生活可就容易多了。

喬：我知道住校可能更容易結交朋友，不過我還是會交朋友的，只是晚上不會在宿舍而已。

賽門：但是你會錯過那些隨性的深夜聚會和電影時間。

喬：那對我來說倒還好。說實在的，我喜歡能從校園抽離出來的感覺；這樣我可以更妥善平衡一切——學校、個人時間還有家人。

6

賽門：通勤讓人疲憊不堪。每天開車來回，面對繁忙交通和尋找停車位可不是有趣的事。然後你也知道冬天開車有多糟！你可以把這些時間用來念書學習或是和朋友一起放鬆。

喬：沒錯；通勤可能很麻煩，尤其在期末考期間或是一早有課的時候。不過，住家裡比較安靜。宿舍有時會很吵——派對聚會、不尊重私人空間的室友等。我喜歡擁有隱私。

賽門：宿舍確實吵，可是我覺得這就是樂趣的一部分。大學畢業後，你就再也無法體驗那種氛圍了。而且，住在外面能讓你培養獨立感。你是自己一個人，要做決定並且管理自己的空間。

喬：我猜住校的確能有更多自由，但住家裡，我就不不用擔心洗衣服的問題。而且，我不確定自己是否想和別人分享一個小房間；宿舍似乎都很狹小。

賽門：是啊，宿舍通常都很小，但你會習慣的。說真的，你會驚訝於住在宿舍居然能學到那麼多與人相處的能力；你會成長很多的。

喬：說得好；我會再好好考慮一下。這真的是個棘手的選擇。

賽門：肯定是；這最終歸結於你更看重什麼：便利性和社交生活，還是省錢和擁有在家的私人空間。🎬

p. 18

Somali Pirates

索馬利亞海盜

各國聯合因應海盜問題，但問有效解方能否持續？

7

——十一世紀初始，索馬利亞沿岸的海盜經常劫持船隻、扣留船員以便索取贖金。幾個主要國家協同採行反制行動，成功讓海盜挾持事件大幅減少。不過，近年來船隻在索馬利亞外海遭受攻擊的情形又再度有增溫的情況。

索馬利亞這個國家位於非洲之角——一座突出伸入印度洋的半島。索馬利亞周圍水域對於國際貿易具有核心重要性，因其屬於蘇伊士運河航運路線的一部分，而這條航運路線則是全世界數一數二繁忙的貿易航線。這一點也使得出沒於這些水域的海盜得以獲得豐厚利益。索馬利亞水域的海盜劫持船隻並且扣留船員；接著再要求船隻所屬企業或國家付錢交換人質。曾經這類的攻擊一度極為頻繁，令人深感擔憂。單單在二〇一一年，就有兩百一十二艘船隻遭到海盜襲擊。

由於這些攻擊，幾個主要國的海軍於是乎展開遏阻海盜的行動，有時還會聯合進行。此外，關係國和航運公司也開始付錢僱用武裝警衛以保護自己的船隻。相關逮捕暨懲罰海盜的法律程序也制訂完成，而且索馬利亞及其周遭國家還獲得協助建造監獄，以便關押海盜。

8

我們鮮少會看見那麼多國家投注時間與精力因應一項問題，而在此具體情況中，付出的努力極具成效。二〇一二年，海盜事件發生數量下降到十件，然後在二〇一三到二〇二二年間，更僅有兩艘船隻遭到劫持；雖然有其他船隻遭到海盜攻擊，不過都沒有被得逞。

然而，近來索馬利亞外海的海盜劫持事件再度成為一個問題。這種情況有一部分可能是因為窮極拚命所造成的結果。索馬利亞人通常靠捕魚為生，但大型捕魚公司在這個區域持續過度捕撈，導致當地漁民的漁獲量不如從前。這些大型公司很多都採用拖網捕魚——就是把巨大的漁網拖行在海床上。拖網能讓他們迅速捕撈到大量漁獲，但也會造成巨大的環境代價。這種捕魚方式對於珊瑚及其他部分生態系統所造成的傷害，長時間下來很可能會導致魚群減少。隨著當地漁民謀生不易，有些人遂轉而投向海盜行為，藉以開闢其他收入來源。大多數人道德上都反對海盜行為，但就算是這些人，現在所持的反對態度也不像以往那麼強烈了。

對於航海員及派遣他們出海的企業和國家而言，索馬利亞的海盜劫持行為曾經是一個嚴重的問題。而國際社會必須採取行動，避免一切又回復到二〇〇〇年代初期的那種景況。☹

在二十一世紀初始，來自索馬利亞的海盜經常劫持經過的船隻，要求錢財以換取釋放船員。由於國際社會的努力，這種情形已經獲得改善；然而，近來海盜又再度現蹤成為威脅。

p. 22

Spring Cleaning

春季大掃除

春天是徹底打掃家裡的完美時機

10

氣

溫逐漸回暖，白天變得愈來愈長；於是我們脫掉大衣和靴子，到戶外享受溫暖的陽光。

這些春天來了的跡象也提醒許多人，該是時候給家裡來一次徹底的大掃除了。春季大掃除的理由實際上是根源於幾個東方文化。在中國文化中，新年前夕打掃地板整理家裡是一個傳統慣例；這樣可以除去一整年中可能積累的壞運氣。一旦房屋清乾淨了，福氣好運自然就會被迎接進來。為了確保福氣不會被掃出門，除夕後的幾天之內都不能掃地。

在西方文化中，春季大掃除也有其實際的歷史意義。過去數百年裡，人們家中都是用木頭或煤炭來取暖。在電力廣泛使用之前，民眾是用油燈照明，因此煤油煙和汙垢會積聚在家中各處表面。此外，嚴寒的天氣意味著空氣流通有限，繼而導致家裡的空氣變得汙濁不好。天氣轉暖則會帶來新鮮的空氣以及清洗冬季髒汙的機會。

11

然而，春季大掃除可能與生物學更加有關係。有些人表示更多的陽光會讓人更有活力，因為人體產生的睡眠激素褪黑激素會因而減少。人們冬天會比平時更傾向於待在家裡，使用居住空間的頻率也更高。而且，雖然大家可能在冬天也有做一些清潔工作，但很可能忽略了那些我們看不見的灰塵。

心理學家唐恩·波特則指出，整理清潔家裡對我們的大腦和身體都有好處。打掃不僅能帶來視覺成果還能使我們心中有感，從而讓我們獲得完成有意義之事的滿足感。此外，當家裡清潔乾淨且井然有序時，我們會覺得自己掌控了一切。一項二〇一〇年的研究報告便指出，描述自己家裡凌亂不堪的人比那些不這樣描述的人更容易感到抑鬱沮喪。然後，如果你最近沒上健身房，就在家從擦洗窗戶和地板開始你的鍛鍊吧。

克服開始的困難，通常會讓打掃任務變得更容易完成。因此，選一個房間，拿一些清潔用品，然後開始吧。讓你的生活空間像春天一樣煥然一新。☹

p. 24

Bucket of Berries

一籃莓果

帶著籃子；採莓去！

12

「熊熊注意！」年度野餐活動主席熊大喊：「一籃莓果競賽即將展開；參賽者請立即前往莓果區。別忘了帶著籃子！」

四面八方的熊熊都匆匆趕往競賽區。一籃莓果大賽是年度野餐最令人興奮的活動了。

「圍過來，」主席熊開口說道：「規則很簡單。我只要下令說『開始！』你們就可以開始了。盡快把籃子裝滿；不過要小心別滿到掉出來。誰最快把籃子裝滿，誰就贏得比賽！好，大家都準備好了嗎？各就各位，預備，開始！」

「等等我！」童軍熊呼喊：「我也要參加！」

「你？」老灰熊笑道：「童軍熊，你還只是一隻熊寶而已。你個頭太小，動作太慢，不是我們的對手啦！」

「我是個子比較小，動作也比較慢，」童軍熊認同道。「可是我想碰碰運氣；況且，採集莓果很好玩的；只要我盡力了，輸贏都沒關係的。」

「很好！」老灰熊說道：「因為我會贏！」

「你？」褐熊咆哮道：「別理所當然認為你一定會贏；獲勝的說不定是我！」

「這話太荒謬了！」灰熊大吼：「你頭殼壞掉才會以為自己贏得了我！」

13

「頭殼壞掉？我的頭殼才沒有壞掉！」褐熊大叫：「把那句話收回去！」

「不可能！」灰熊大喊。

「好了，好了，」活動主席熊打斷說道，想要掌控局面。可是那兩頭熊還是爭執不休。這時候，其他熊熊紛紛開始選邊站。大多數的熊都支持擁護褐熊；不過也有幾頭熊幫老灰熊護航。然後，老灰熊突然用力推了褐熊一把。



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「哼！」他蠻橫說道：「吃我一掌！」

大夥兒都屏住氣息。褐熊和老灰熊經常爭吵，但從來不曾真的動手。大家都安靜了下來；沒有一頭熊知道接下來會發生什麼事。就在這時候……。

「嘿，大家看哪！」童軍熊突然高聲喊道：「我的籃子裝滿莓果了！」熊熊們全都對童軍熊的話大吃一驚！事實上，沒有一隻熊知道該說什麼還是做什麼。

最後，老灰熊露出微笑。「喔，真是沒想到啊，童軍熊，」他一面說，一面搖著頭：「看來你贏了！」他把童軍熊從地上抱起來，給了他一個大熊抱。「恭喜你！」他咧嘴而笑。

熊熊和人類啊，注意聽好！千萬別把時間浪費在爭吵；而是要好好利用自己擁有的時間。🐻

p. 28

Digital Memories

數位記憶

資料儲存簡史

14

——〇二四年二月出現一開創性發展，上海的研究人員設計出一種方式，能夠在單一光碟上儲存一拍位元組的資料。這些包括CD與DVD在內的光碟，可以藉由特定雷射類型讀取資料。CD在一九八〇與九〇年代剛推出之際，只能儲存七億位元組的資料——剛好夠儲存一部短片的檔案。然而時至今日，一拍位元組大約相當於二十萬部高清電影，這樣的資料量在過去可是得準備好幾兆張打孔卡才得以儲存呢！



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#1 不同書籍類型

- A: 我正要去圖書館；你能推薦一本好書嗎？
- B: 嗯，你喜歡什麼類型的書？懸疑？傳記？驚悚？還是歷史？
- A: 我不太喜歡驚悚小說，然後我已經讀過很多懸疑小說了；也許試試歷史小說？
- B: 我剛讀了一本關於亨利八世六位妻子的書；我從那本書學到很多十六世紀歐洲的歷史。
- A: 這個主題我不太感興趣耶。有沒有什麼關於現代探險家的書？我喜歡旅遊和冒險類的書籍。
- B: 圖書館有一大區關於旅遊的書籍；也有一個很大的科幻小說區。
- A: 我沒讀過多少科幻小說；也許我會去那區找找看有沒有我感興趣的書。
- B: 嘿，我想我跟你一起去圖書館好了。有一套新的奇幻小說要翻拍成電影；我想先看過書再看電影。

#2 最喜愛的作家

- A: 你最喜歡的作家是誰？
- B: 我是薇拉·凱瑟的忠實粉絲。她寫了很多關於美國移民拓荒經歷的小說。我很喜歡她對美國鄉土景致的生動描述。
- A: 我得拜讀一下她的作品。我最喜歡的一位作家是譚恩美。她也探討移民的經歷，透過她書中華裔美國人的角色來展現。她在《喜福會》一書裡描寫母女之間的場景真的很感人。
- B: 聽起來我會喜歡她的書。我現在正在重讀我童年時最喜歡的作家C.S.路易斯的書。我小時候非常喜歡他的奇幻小說。
- A: 路易斯很棒，不過我最喜歡的奇幻小說作家是托爾金。托爾金的想像力真的是超驚人的！
- B: 說到想像力，我有一個目標就是擁有所有幾米的書。他的作品實在是太棒了；我最喜歡的書是《月亮忘記了》。真希望有一天能見到他。

#3 閱讀習慣

- A: 我注意到你家到處都是書；甚至連廚房都有！
- B: 嗯，我就是愛閱讀。而且我通常會同時讀三四本書；廚房那本是關於咖啡的歷史。我通常在泡咖啡時讀個短小的章節。
- A: 我在家閱讀時都是坐在我最喜歡的椅子上；這樣我就可以舒舒服服地坐著，專心沉浸在故事裡。
- B: 你讀過電子書嗎？我都會下載一本電子書，搭地鐵上班時可以讀。
- A: 我不喜歡在螢幕上閱讀；我喜歡手裡拿著書的感覺。
- B: 那你會在家裡以外的地方閱讀嗎？
- A: 當然會。我超愛在咖啡館看書；不知道為什麼，一杯暖呼呼的飲料和一本好書很搭。
- B: 只要咖啡別灑出來就好！我的那本咖啡書上有超多咖啡漬的。

#4 最愛的書

- A: 你有最愛的書嗎？
- B: 我最愛的其中一本書是賽珍珠的《大地》。這是一本關於中國農村生活扣人心弦的故事。
- A: 我沒讀過那本書。我最喜歡的是《人鼠之間》。我們在高中的時候讀過，但每一年我都會重讀一次；結局總是讓我哭泣。
- B: 你在學校也讀過《小王子》嗎？這仍是我所愛的其中一本書。我甚至還為此學了法文，就是為了讀法文原文。
- A: 你讀過珍·奧斯汀的書嗎？我很喜歡她的書。
- B: 我看過一些改編她的書的電影。我覺得還不錯，不過節奏有點慢。哦，你讀過哈利波特系列嗎？
- A: 當然。哈利波特可是我小時候的最愛。我還因為自己能讀完那麼巨大的一套書而感到驕傲不已呢！
- B: 我也這麼覺得耶。我把整套書都放在我房間的一個書架上。

打孔卡由厚實的紙張製成，上面有依照特定模式打出的孔洞，讓機器能夠進行解讀。整個十八與十九世紀期間，這些機器將孔洞確切排列的方式解讀為指令，從而得以操作織布裝備。進入二十世紀，打孔卡仍然用於替早期的電腦設定程式，電腦製造商IBM便一度利用打孔卡儲存大量全球資料。

雖然打孔卡廣泛受到使用，其局限性卻促成了其他儲存方式的發展。到了一九五〇與六〇年代，磁帶儲存的方式出現，繼而開啟數位儲存時代。記憶中，磁帶雖然主要是一種儲存音訊資料的媒介，例如錄音帶，但也用於儲存並執行電腦程式。

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二十世紀發明的許多儲存媒介中，軟式磁碟在多用途方面的優勢可說是數一數二；軟式磁碟是最早能讓資料輕易讀取、寫入以及覆寫的一種儲存媒介。如同其名稱所示，早期的軟式磁碟相當柔軟，寬約二十公分。後續版本的體積則較小，並且以硬質塑膠製成，不過所有軟式磁碟都是用一片磁碟儲存資料；這種儲存方式一直到九〇年代都仍是資料儲存的黃金標準。

軟式磁碟之所以能夠在那麼長的時間裡廣受喜愛，原因之一是它提供一種讀取及寫入資料的便利方式。然而，一切都在二〇〇〇年代改變，因為軟式磁碟被隨身碟這種可攜式USB資料儲存裝置所超越。藉由USB裝置，資料的讀取和寫入都遠比以前更快、更容易，成本也更低。

今天，我們愈來愈仰賴雲端儲存。雲端儲存讓我們將資料儲存在伺服器裡，而不是在我們的裝置上，而那些伺服器則都位於連上網路的資料中心裡。雲端儲存之所以深具革命性，原因是在這種儲存方式之下，人們只要有網路連線，就能夠在任何地方存取資料。

從早期的打孔卡到現代資料中心那種看似無窮無盡的儲存容量，想到資料儲存世界的變化幅度是如此之大又迅速，著實令人深感驚奇。☺

我們用於儲存並讀取資料的方式多年來發展得非常迅速，尤其就便利性與容量大小而言。

大數據！

在磁帶廣為普及之際，也出現了另一項革命性的發明：硬式磁碟，簡稱「硬碟」。最早的硬碟是推出於一九五四年的IBM 350，大小有如一部大冰箱，最多可儲存三百七十五萬位元組的資料，略莫大於一個三分鐘的音樂檔案。

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So, You Wanna Be a DJ?

想當DJ嗎？

用播放清單的力量帶出美好影響力！

17

你喜歡娛樂觀眾、熱愛音樂，而且知道怎麼使用科技技術嗎？如果是的話，擔任DJ有可能是一個適合你的絕佳職業喔！或稱為唱片騎師的DJ，是替觀眾創造難忘音樂體驗的高手。無論在廣播電臺、夜店還是替特殊活動擔任DJ工作，DJ都必須能吸引且娛樂聽眾。

DJ需要具備一套特定的綜合技能。他們不僅必須了解各種音樂風格，還得能夠根據不同場合和觀眾挑選出合適的音樂。DJ必須自信運用音樂，熟練引導聽眾度過愉快的時光。技術是這份工作的核心重要組成部分，因此DJ必須有能力使用電腦和音樂的混音軟體。此外，設備故障出現問題時，DJ還必須能夠隨機應變。最後，DJ還必須擅長與人以及組織團體共同合作，這樣才能獲得更多擔任DJ的機會。

18

如果你夢想成為一名DJ，那麼有一些關鍵步驟得遵循。首先，審慎做出決定想好擔任DJ僅僅是自己的愛好，還是未來的職業。這個選擇將幫助你確定要投入多少時間和金錢。自己已經擁有哪些技能？還需要發展哪些技能？聆聽多樣風格的音樂，然後開始建立起自己的音樂播放清單。購買基本的音樂混音軟體，並且練習創造出連續播放的串流音樂；亦即流暢平順地將一首歌淡出，再淡入另一首歌，保持派對持續進行不中斷。

隨著自己提升進步，發展出自己的風格，並且錄製自己的混音。將混音發布到網路以便吸引粉絲注意，並且與其他DJ建立聯繫，向他們學習。經驗就是關鍵！自願替本地活動或廣播電臺擔任DJ工作。與組織團體建立關係，並且提供DJ服務。愈多人知道你，你就有愈多機會能擔任DJ。

無論是為了樂趣還是工作，DJ這個工作都可以用音樂將人們凝聚在一起！☺



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Marvelous Morocco

驚奇無限——摩洛哥

你看到的和聽到的，都將令你難以忘懷

19

想

像在某一個地方，輕柔微風吹拂過綿延至遠方的金黃色沙丘。接著對照之下，再想像城市日常生活的喧囂——人們閒聊著、機車嗡嗡穿梭在狹窄巷弄中、茶館裡茶杯叮噠作響。這就是摩洛哥，融合壯麗美景、古老傳統以及現代生活。

「馬拉喀什舊城」名列聯合國教科文組織世界遺產，以其狹窄街道、繁忙市集和歷史地標而聞名。傑馬艾夫納中央廣場熱鬧非凡；白天，小販在此販賣商品，從新鮮果汁、香料到傳統貨物應有盡有。日落時分，廣場搖身一變成為生氣勃勃的露天劇院；街頭藝人、耍蛇人和音樂家無不使勁表演逗大眾開心。

有「藍城」之稱的舍夫沙萬坐落於力夫山脈，以漆成藍色的街道和建築聞名於世。為什麼一切都漆上藍色呢？有人說這是一九三〇年代定居於此的猶太難民所引進的；對他們而言，藍色代表天空和天堂，提醒他們上帝的同在。也有人說，藍色漆料能反射光線，繼而減少對昆蟲的吸引力，有助於驅趕蚊子。

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沒有走一趟撒哈拉沙漠的摩洛哥之旅算不上完整。騎著駱駝，穿越沙丘，在柏柏人的營地過一晚，盡情欣賞沙漠耀眼的日落和日出。柏柏人是北非原住民，既親切又好客；你可能會受邀享用一頓傳統的摩洛哥佳餚喔。

抽空逛逛「艾本哈杜築壘村」，一座名列聯合國教科文組織世界遺產的古老村莊。該村莊以傳統建築風格聞名，是許多電影取景的拍攝地。



漫步逛一逛摩洛哥最古老的城市之一菲斯，這裡孕育出創立於西元八五九年、世界上最古老的大學。菲斯舊城區是一處超過九千條街道與巷弄交織而成的迷宮！由於造訪此處的觀光客較少，因此更容易一窺摩洛哥人真實的生活。菲斯是摩洛哥的精神暨文化之都。這座城市最令人難忘的景點之一是「休瓦拉皮革染坊」，迄今仍沿用傳統製皮工藝。雖然無法進入皇宮，但還是可以停下腳步順道造訪欣賞一下華美的金色大門，然後來一張自拍。

無論你想尋求冒險或探索歷史，摩洛哥都能帶給你永難忘懷的體驗。📷

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The Legacy of Johann Sebastian Bach

音樂之父——巴哈

遺風永常存的巴洛克作曲家 & 鍵盤樂器演奏家

21

想

像三百四十歲了卻還能影響著現今大眾。信不信由你，這是對知名作曲家約翰·塞巴斯汀·巴哈再適當不過的描述。你可能難以置信，尤其如果你不喜歡古典音樂，也從來沒聽過音樂會；但你總該看過電影吧。舉例來說，如果你看過《樂高蝙蝠俠電影》或是改編自《歌劇魅影》的電影等，那你就一定聽過巴哈。抑或許你是碧昂絲的歌迷，而且很愛她翻唱的披頭四經典《黑鳥》，這首歌就是源自於巴哈的《E小調布雷舞曲》。

巴哈於一六八五年三月二十一日在德國艾森納赫出生，父親是鎮上的音樂家約翰·安布羅修斯·巴哈，母親名叫伊莉莎白。約翰·塞巴斯汀·巴哈是八個孩子中最年幼的。在當時的德國，巴哈這個姓氏是「音樂家」的代名詞，因為許多巴哈家的祖先都是管風琴手、歌手、音樂指導等。

年幼的巴哈首先受教於父親，然後再跟著大哥約翰·克里斯多福學習；大哥本身是一名管風琴手，在巴哈年僅十歲父母雙亡後收留照顧他。史學家推測就是這位兄長給了年幼的巴哈第一堂正式的鍵盤課——教導他管風琴以及大鍵琴。

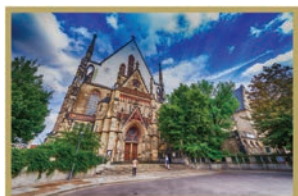
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一七〇三年，十八歲的巴哈在約翰・恩斯特公爵的宮廷得到了第一份工作，擔任小提琴手；他在那裡提高了自己作為一名傑出演奏家的聲譽。

然後在一七〇八年，他成為威廉・恩斯特公爵宮廷的管風琴手。正是此時期，他為諸多歌手和樂器創作多部宗教音樂作品，其中包括著名的〈耶穌，世人仰望的喜悅〉以及一些他最傑出的管風琴樂曲。一七一七年，當巴哈接受安哈特-克滕利奧波德親王的聘任時，恩斯特公爵還因為不想失去巴哈，而將他監禁了幾個星期才予以釋放。

為利奧波德親王服務的六年期間，巴哈為包括小提琴在內的獨奏樂器作曲，同時也創作管弦樂曲、舞蹈組曲以及奏鳴曲。隨著親王的管弦樂團於一七二三年解散，巴哈前往萊比錫聖多馬教堂任職，他在那裡擔任管風琴師兼唱詩班指導，一直到他於一七五〇年過世為止。

由於巴哈驚人的音樂天賦以及對西方音樂深遠的影響，他在今日仍然受到世人敬仰。他是對位法、和聲、結構大師，創作複雜且優美的音樂。他的作品為後世作曲家奠定了基礎，並由於其作品精湛的技巧和表達的深度，迄今仍廣受研究及演奏。🎹



巴哈替樂器和歌手量身創作音樂，為後世作曲家奠定基礎，迄今仍然極具影響力。

- ◆ 巴哈生於儒略曆一六八五年三月二十一日；格里曆為三月三十一日。
- ◆ 巴哈一生創作一千一百二十八首樂曲，有二十三首未完成或是遺失。
- ◆ 萊比錫聖多馬教堂公認為古典音樂重鎮；每週五舉行晚間崇拜，通常演出巴哈的清唱劇。
- ◆ 巴哈絕大部分的作品都是在他受僱於萊比錫聖多馬教堂時期所創作。
- ◆ 巴哈幽默又有創意。亦稱《咖啡清唱劇》的微型喜歌劇《安靜點，別講話》講述一名父親試圖治癒女兒咖啡癮頭的故事；該劇首演很可能是在萊比錫一家咖啡館裡舉行。

p. 46

Hip-Hop: From the Streets to the World Stage

嘻哈：從街頭走向世界舞臺

一探這種成為世界級現象的舞蹈風格！

24

嘻哈是在一九七〇年代初期美國紐約布朗克斯區的街區派對上開始；最初是一種讓民眾和鄰居互動連結、建立社區歸屬感的方式。嘻哈音樂受非洲和拉丁美洲傳統的影響，融合了不同的聲音及風格。DJ快速刷碟播放音樂，MC饒舌說唱，舞者則讓街道都亮了起來。如今，嘻哈已經成為一股全球性的熱潮！嘻哈不僅只是音樂——嘻哈更是一種文化，囊括時尚、語言以及態度。

嘻哈舞蹈活力四射、創意無限，是關乎自我表達以及節奏技巧的一種方式。舞者將個人風格融入舞蹈。不僅是動作而已；舞者透過舞蹈表達思想和情感。他們用舞步講述故事，反映掙扎也分享喜悅。這種與真實經歷的連結使得嘻哈舞蹈變得強大且顯著獨特。

二〇二四年，霹靂舞這種嘻哈舞蹈風格獲選加入奧運，成為一個新的運動賽項。這證明了嘻哈不僅只是街頭舞蹈——而是一種國際現象。

25

嘻哈舞蹈中，有五種主要的舞蹈風格，每一種都自帶獨特的活力。在即興舞中，舞者隨著音樂節奏自由發揮，沒有固定的舞步。他們在當下即興創造動作。接著是狂派舞，一種充滿活力的舞蹈風格，包含激烈並強而有力的動作，通常用來表達強烈情感。在機械舞裡，舞者會快速收緊肌肉，創造出急劇突然的動作；跳起舞來動作就像機器人一樣。鎖舞和機械舞有些相似，但在鎖舞中，舞者會暫時停止讓動作凝固不動更長的時間。就好像他們「鎖住」自己的動作一樣。最後是霹靂舞，以其活躍敏捷的旋轉、特技和細緻步伐而聞名。

嘻哈舞從布朗克斯的街區派對一路走來已然取得了長足的進展。它已經發展成為一種強大的藝術形式，現在幾乎在每個主要城市都能看到。隨著嘻哈舞的多樣風格以及對自我表達的重視，這種舞蹈持續不斷突破界限。嘻哈舞一次用一個舞步，將人們牢牢凝聚在一起。🎹

p. 48

How to Stop Worrying and Start Living

卡內基：人性的優點

教你一天一天停止憂慮，掌控自我人生

26

你憂慮嗎？現代生活讓許多人每天都在和焦慮拉扯抗爭，然而不一定非得如此。《卡內基：人性的優點》一書便提供了一條出路。戴爾·卡內基在書中對於減少憂慮並且過著更平衡的生活，提供了一個吸引人的有效解決方案之研究探索。

這本書強調，過度憂慮會影響身心健康，而且和心臟病、消化困難以及憂鬱等問題有關。重要的是，卡內基還指出，人們常常浪費精力在擔心永遠不會發生的事。解決方案就是：一天一天順其自然地過。如果人們得以專注當下，就不會因為過去的遺憾或未來的恐懼而變得不知所措。

這本書分享許多人們透過改變思維、管理壓力以及保持積極態度來應對焦慮的故事。書中建議積極從事有意義的活動；為什麼呢？因為忙碌的人沒有時間憂慮。

卡內基間接表示，人們能夠透過審慎考慮以及果斷行動來減輕焦慮並獲得掌控感；這最終會使他們擁有更充實的生活。

27

那麼，要如何重新取回自己人生的掌控權呢？卡內基提供了一系列的策略方案。其中一個他推薦的方法便是直球對決面對恐懼，問道：「會發生的最壞可能情況是什麼？」接受最壞情況能讓人不再害怕未知，反倒能專注於改善自己的處境。

小進步也很重要。恐懼和憂慮經常使問題複雜化；微小進步是扭轉這個過程的實用方法。在工作中設定一些優先事項，然後清除辦公桌上與你在手邊的問題無關的所有事務。按照重要性依序處理事情。如果能夠解決眼前的問題，就解決。此外，不要害怕組織籌劃以及請求他人的協助。你會驚訝於採用這種做法居然會這麼有成效。等到完成最緊急的任務時，你便已經取得了重大進展了。



卡內基還認為，持續的習慣很重要。它們會助人培養韌性，使之得以承受生活中無法避免的挑戰。最後，藉由採行這些策略並建立韌性，人們將能經歷到自己對生活更大的掌控感，並且顯著地緩解焦慮。

p. 50

The War on Zebra Mussels

「斑馬貽貝」戰爭

除掉這個難纏物種，或是坐等生態浩劫！

28

我們想到人類行為破壞環境時，通常會想到汙染、過度取用資源或是破壞棲地。不過，將新物種引進非原生地區也會造成破壞衝擊；「斑馬貽貝」就是這樣的入侵物種。

斑馬貽貝生活在淡水，原居於歐亞二洲之間的裏海和黑海。裏海和黑海海域的鹹度低於大多數海域，因此斑馬貽貝等淡水物種得以生活在該處及其附近湖泊。這種軟體動物透過附著於船體上，已經擴散到歐洲和北美大部分地區，為人類和環境帶來了一道難題。

當物種突然被引進到新的生態系統時，通常會破壞該生態系統的平衡，而斑馬貽貝也不例外。斑馬貽貝會在浮游植物和其他營養物質流過自己的外殼時，把它們從水中濾出來吃掉，而且效率驚人。這意味著斑馬貽貝來到一個新區域時，便會消耗大量浮游植物，以至其他也吃相同食物源的物種很難獲得足夠食物。由於這些生物反過來也是其他物種的食物來源，斑馬貽貝總能傷害到湖泊中的每一種生物。

29

斑馬貽貝也給人類帶來不少問題，因為它們繁殖得相當快。它們通常生長在人類製造的物體上，簇集而生的斑馬貽貝會妨礙這些物體運作。例如，眾所周知斑馬貽貝會堵塞水管中的水流，從而阻礙社區獲得乾淨的飲用水。斑馬貽貝牢固附著於這些物體上，導致清潔起來既費力又昂貴。

清除斑馬貽貝非常艱難，因此人們只能藉由阻擋其蔓延，才能限制它們造成的麻煩。遭受這些軟體動物影響區域的政府無不積極採取措施防堵其擴散。但由於斑馬貽貝主要是透過私人船隻傳播開來，因此這些船隻的主人有責任採取自己的預防措施。

雖然斑馬貽貝通常是透過附著在船隻或其他物體到達新的地點，但也會生產常常是小到看不見的幼蟲。如果這些幼蟲最後進入到一個沒有斑馬貽貝的水域，便會引發新一波的斑馬貽貝侵襲。因此，船隻和引擎從一個湖泊行駛到另一個湖泊之前必需進行排水，免得將這些幼蟲帶到還沒有斑馬貽貝的地方。此舉不僅有助於保護環境，還能夠防止對於基礎設施的破壞。🐼

有些像斑馬貽貝這樣的物種，會附著於船隻繼而被帶到新的生態系統，然後在那裡造成巨大損害。

p. 53

Daffodils — Spring's Perfect Flower

春天的花朵——水仙花

水仙花……以美麗迎接三月的風

31

春天是水仙花開始冒出頭的季節。經過漫長陰鬱的冬天，這些愉悅的花朵帶來了喜樂和希望。雖然黃色是最常見的顏色，但水仙花有時也會有白色、粉色和橙色的花瓣。

水仙花原產於南歐和北非，不過在世界上許多地方都能生長。現在，英國是全球最大水仙花生產國。據信是古羅馬士兵最早將水仙花的球根帶到不列顛。士兵經常將球根帶到前線戰區，並且將水仙作為藥物使用；當時他們並不知道水仙花整株都是有毒的。基於此緣故，確保寵物和兒童遠離水仙花是非常重要的事情。



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水仙花是春天最早開的花種之一，雖然花期並不長，但整株植物並不會永遠消失。事實上，有些水仙能持續開花好幾年。在嚴寒的冬季土壤下，水仙花的球根儲存著能量，為著下一次的盛大登場做好準備。此外，就像設好發條一樣地精準，漂亮多彩的花兒如期盛開，然後我們便知道春天又再次到來了！🐼

在中國，水仙花代表著好運；而在威爾斯，據信第一個看到當季第一朵水仙花的人將會發財。



Newsorthy

趨勢還是治療？一探痘痘貼背後的科學

在一則IG貼文中，安·海瑟薇提醒我們，即使是好萊塢也難免偶爾會出現小瑕疵。這位女演員分享了一張自己使用痘痘貼的照片，那些小巧、通常是透明的貼片已經成為許多人護膚的必備品。

痘痘貼，或稱水膠體貼片，透過在痘痘上形成一層保護層來隔離細菌並吸收多餘的液體。當貼片從痘痘吸出液體時，貼片應該會從透明轉變成白色。

雖然痘痘貼無法在一夜之間消除痘痘，但卻能顯著降低發炎並加速個別痘痘的癒合。二〇〇六年一項研究發現，這些貼片因其具有控制紅腫和油脂分泌等額外好處，對於減少輕度至中度的面皰很有效果。

對於那些更為頑固的痘痘，有些貼片會加入水楊酸、茶樹油或其他抗痘成分。NBC Select助理編輯柔伊·瑪琳便稱讚這些貼片幾乎看不見，非常適合日間使用。

不過，痘痘貼最大的優點也許在於它能防止一件事：摳痘痘——這是我們都面對過的誘惑。貼片能讓你幾乎無法摳痘痘，從而讓皮膚好好癒合。

所以，下次當你面對意外冒出的痘痘時，不妨試著貼上一片痘痘貼。

Activities Answers:*(from page 26)***I.**

1. Will you be taking part in our class talent show?
2. C
3. Our team is too good for your team to take on.
4. Friends shouldn't take advantage of one another.

II.

1. What time does today's contest take place?
2. People often take sides during an argument.
3. Sally's announcement took everyone by surprise.
4. Jeff always takes his younger brother for granted.

III.

- | | |
|----------------------|---------------------|
| 1. take a look | 2. take along |
| 3. take for granted | 4. take by surprise |
| 5. take advantage of | 6. take notice |
| 7. take care | |

Writing Skills Answers:*(from page 54-55)***Try it!**

1. Although Margaret enjoys reading, she prefers to spend her evenings painting.
2. In spite of the heavy traffic, Jeff manages to arrive at work on time every day.
3. During their lunch break, Bob and Matt watch the construction workers building a new bridge to connect the two neighboring cities.
4. Sophie often hears scientists discussing new ways to combat the latest disease.
5. Legend has it that a secret city made of gold lies hidden deep in the Amazon rainforest.
6. Rumor has it that a famous tech company is secretly developing a groundbreaking new device.
7. It is desirable that companies should adopt ethical practices to ensure sustainability and people's trust.
8. It is important that students develop critical thinking skills to succeed in today's complex world.

Intro to TOEIC Answers:*(from page 58-61)*

1. The proposal you make must underpin the company's philosophy.
(A) Then, I'll make sure I re-read the mission statement to double-check.
(B) I'll have to tack it on as an appendix to ensure there is nothing misleading.
(C) If I have time, I'll do that.
2. Where would you say would be the prime location for your new business?
(A) I don't think that it would be very ideal.
(B) I think the best place would be somewhere downtown.
(C) I'm going to have to search for some more employees.
3. When it gets warm enough to grow crops, farmers become really busy.
(A) Is it because they have to start tilling the soil?
(B) Is it because they have to begin the harvest?
(C) Is it because they have to look for investors?

Questions 4 through 6 refer to the following conversation.

- W: Can you tell me how the fire started?
M: Yes, officer. My daughter was cooking dinner on the stove.
W: Is your stove gas or electric?
M: Gas. Her potholder caught fire, but she didn't notice until the flames were really big. She used a fire extinguisher to put out the fire.
W: She did the right thing. We're always glad to arrive on the scene after the fire is already completely out.

4. C

5. C

6. B

7. D

8. D

9. A

10. A

11. B

12. C

13. B

14. B

15. C

16. D

MEDIUM

Key Points

Ryan Trahan — The Content Creator With a Heart of Gold, page 14

- Ryan Trahan was a teenage entrepreneur who later became famous on YouTube.
- Trahan makes videos that will hopefully inspire others.

HIGH

Key Points

Somali Pirates, page 18

- About 20 years ago, pirates from Somalia captured crews from ships and required ransoms from companies and countries for their return until operations by navies were conducted to stop the activity.
- Although the number of ship hijackings declined over the years, recently it has become a problem that needs action to avert a return to the former situation.

HIGH

Key Points

Digital Memories, page 28

- Researchers have found a way to fit over a petabyte of data onto an optical disk, but in the old days people used punch cards made of sturdy paper.
- The floppy disk was a versatile form of data storage that was widely used in the 90s, but now most people access their data from servers in data centers.

MEDIUM

Key Points

Marvelous Morocco, page 36

- Morocco is a spectacular mix of natural beauty, ancient traditions and modern life.
- Fez is considered the spiritual and cultural capital of the country.

HIGH

Key Points

The Legacy of Johann Sebastian Bach, page 42

- An apt description of Johann Sebastian Bach is that he still influences people today through his music.
- After enhancing his reputation as an amazing performer at an early age, Bach worked for a number of dukes and wrote music for various instruments and singers his entire life.

MEDIUM

Key Points

How to Stop Worrying and Start Living, page 48

- The book notes that worrying can affect our mental and physical health even though we often worry about things that never really happen.
- Dale Carnegie believed that focusing on the present and working on meaningful things were good ways of reducing anxiety.

HIGH

Key Points

The War on Zebra Mussels, page 50

- When an invasive species such as the zebra mussel is abruptly added to a new ecosystem, it invariably harms that environment.
- Because removal of zebra mussels is so difficult, stopping their spread is a good option for preventing damage to an area's infrastructure and environment.



WORD BANK

Out out these vocabulary cards.

Mar. 17, 18

audience (n)	[ˈɔdiəns]	觀眾；聽眾
various (adj)	[ˈveriəs]	各種各樣的
skillfully (adv)	[ˈskɪlfəli]	熟練地
capable (adj)	[ˈkeɪpəbəl]	有能力的
merely (adv)	[ˈmɪrli]	僅僅
continuous (adj)	[kənˈtɪnjuəs]	連續的
follower (n)	[ˈfɒləʊ]	粉絲；追蹤者

Mar. 18-20

volunteer (v)	[ˌvɒlənˈtɪr]	自願做
contrast (n)	[ˈkɒnˌtræst]	對照；差異
landmark (n)	[ˈlændˌmɑːk]	地標；標誌性建築
refugee (n)	[ˌrefjuˈdʒi]	難民
reminder (n)	[rɪˈmaɪndə]	提醒
striking (adj)	[ˈstraɪkɪŋ]	惹人注目的
peep (n)	[piːp]	一瞥

Mar. 20-22

spiritual (adj)	[ˈspɪrɪtuəl]	精神的
unforgettable (adj)	[ˌʌnfəˈɡetəbəl]	難忘的
apt (adj)	[æpt]	適當的；貼切的
adaptation (n)	[ˌædæpˈteɪʃən]	改編
surname (n)	[ˈsɜːnem]	姓氏
speculate (v)	[ˈspekjəˌleɪt]	推測；猜測
enhance (v)	[ɪnˈhæns]	提高；增強

Mar. 22; 24

imprison (v)	[ɪmˈprɪzən]	囚禁，關押
dissolution (n)	[ˌdɪsəˈluʃən]	解散
revere (v)	[rɪˈvɪr]	崇敬；尊敬
connect (v)	[kəˈnekt]	連結；建立良好關係
community (n)	[kəˈmjunɪti]	社區；群體
spin (v)	[spɪn]	快速旋轉

Mar. 24-26

technique (n)	[tekˈnɪk]	技巧；技術
unique (adj)	[juˈnɪk]	獨特的
routine (n)	[ruˈtiːn]	固定動作
tighten (v)	[ˈtaɪtn]	繃緊
pause (v)	[pɔːz]	暫停
diverse (adj)	[dɪˈvɜːs]	多種多樣的
anxiety (n)	[æŋˈzaɪəti]	焦慮，不安

Mar. 26, 27

exploration (n)	[ˌekspləˈreɪʃən]	探索；研究
overwhelm (v)	[ˌovəˈwelɪn]	使不知所措；使難以承受
fulfill (v)	[fʊlˈfɪl]	滿足；使滿意
recommend (v)	[ˌrekəˈmend]	推薦；建議
scenario (n)	[sɪˈnæri.o]	可能事件；劇本
productive (adj)	[prəˈdʌktɪv]	富有成效的

Mar. 27-29

inevitable (adj)	[ɪnˈevɪtəbəl]	不可避免的；必然發生的
destructive (adj)	[dɪˈstrʌktɪv]	破壞性的
invasive (adj)	[ɪnˈvesɪv]	侵入的
abruptly (adv)	[əˈbrʌptli]	突然地；意外地
invariably (adv)	[ɪnˈvəriəbli]	總是，老是
obstruct (v)	[əbˈstrʌkt]	堵塞，阻擋
removal (n)	[rɪˈmuʊvəl]	除去

Mar. 29; 31

preventive (adj)	[prɪˈventɪv]	預防的
infrastructure (n)	[ˌɪnfraˌstrʌktʃə]	基礎建設
bloom (n)	[blʊm]	花朵
bulb (n)	[bʌlb]	球根
poisonous (adj)	[ˈpɔɪzənəs]	有毒的
blossom (n)	[ˈblɒsəm]	花朵



WORD BANK

Cut out these vocabulary cards.

Mar. 24–26

- * The artist's painting **technique** is very impressive.
- * Each drawing is completely **unique**.
- * Their dance **routine** was perfectly timed.
- * The boy **tightened** his muscles to lift the weight.
- * **Pause** for a second. Don't move.
- * New York City is made up of people from very **diverse** cultures.
- * Every time she takes a test, Sharon experiences a lot of **anxiety**.

Mar. 26, 27

- * Rob's **exploration** of Shakespeare made him realize how many English words come from Shakespeare's plays.
- * Sandy felt **overwhelmed** by the amount of work she was expected to do by her boss.
- * Many say that the key to happiness is to find a **fulfilling** career.
- * One relaxing activity my counselor **recommends** is to read before bedtime.
- * One **scenario** is that the storm will pass by the island.
- * Joanne felt that the meeting had been very **productive** and some good decisions had been made.

Mar. 27–29

- * After years of smoking, it was **inevitable** that Joseph got sick.
- * The **destructive** storm wiped out several villages in the mountains.
- * That **invasive** plant nearly destroyed my garden.
- * The weather changed **abruptly** from sunshine to rain yesterday afternoon.
- * Wherever we go on vacation, it **invariably** rains there.
- * The lady's hat **obstructed** Emily's view of the movie.
- * The **removal** of household trash takes place every Friday.

Mar. 29; 31

- * The practice of **preventive** medicine should help cut down on the cost of health care.
- * Much of the city's **infrastructure** was damaged by the earthquake.
- * This flower's **blooms** are large and colorful during the summer months.
- * You can keep flower **bulbs** in the refrigerator until it's time to plant them.
- * All the mushrooms in that picture are **poisonous**.
- * Many people travel to our area in the spring to see the cherry **blossoms**.

Mar. 17, 18

- * At the end of the show, the **audience** stood and clapped.
- * I have traveled to Japan at **various** times of the year, but my favorite time is April.
- * I watched my mother's hands as she **skillfully** chopped the vegetables.
- * "I know you are **capable** of so much more if you simply tried," the teacher said.
- * When my dog is hungry, he **merely** sits by his bowl and waits.
- * The excited little girl spoke in a **continuous** stream of words.
- * Sandra got lots of new **followers** on her Instagram after posting her new song.

Mar. 18–20

- * I want to **volunteer** at an animal shelter because I love working with animals.
- * The **contrast** in opinions made the conversation very interesting.
- * Many people visit famous **landmarks** on their travels.
- * Thousands of **refugees** live in this camp, anxiously waiting to return home.
- * The note on the refrigerator is a **reminder** to buy milk.
- * The model's **striking** beauty attracted a lot of attention.
- * She took a quick **peep** out the window.

Mar. 20–22

- * This book explores several **spiritual** beliefs.
- * His trip to the Middle East was **unforgettable**.
- * The child gave a very **apt** description of what happened in the park.
- * The movie was an **adaptation** of a French film from 50 years ago.
- * In Chinese, a person's **surname** comes before their given name.
- * Bob's teachers **speculated** that he would go to medical school after college.
- * Barney bought some stocks to **enhance** his financial standing.

Mar. 22; 24

- * Nelson Mandela was **imprisoned** for nearly 30 years before becoming president of South Africa.
- * The **dissolution** of the congress meant that there would be new elections.
- * Mahatma Gandhi is **revered** for being a nonviolent leader and leading India to independence.
- * People **connect** through shared interests and stories.
- * After the storm, the **community** got together and cleaned up the park.
- * Brad loves to **spin** records and listen to music.