

EAP Power Up

Unit 2

Instructor : 國立臺灣科技大學

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Course Title : 工程英文學術口頭報告

Weekly Topic : The given rules (II)



Tips for preparation

1. 'APP' rule
2. Goal and title
3. The given rules



3. Follow the given rules



- The occasion and venue
- The length of a presentation
- The topic(s)
- The requirement(s)

The requirement(s) - Examples

A purple banner with a ribbon-like shape, featuring the word "Review" in white text.

Review

1. Informative speech

2. Persuasive speech

Informative vs persuasive

1. What really happens to the plastic you throw away -

https://youtu.be/_6xlNyWPpB8

- Informative or persuasive? Why? How many the 'end-of-life' situations of plastic are mentioned and covered?

2. Why We Need to Stop Plastic Pollution in Our Oceans FOR GOOD - <https://youtu.be/Yomf5pBN8dY>

- Informative or persuasive? Why? What are the two main aspects?

The requirement(s) - Examples

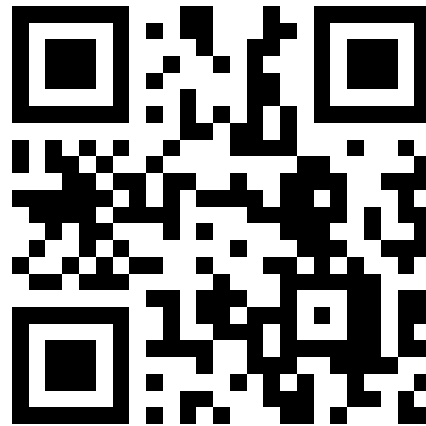
1. Informative speech

2. Persuasive speech

3. SDGs




SDGs

- SDGs: sustainable development goals 聯合國「2030永續發展目標」
- <https://sdgs.un.org/>



Read, report and explain...

- 表格 (tables)
- 圓餅圖 (pie charts)
- 長條圖 (bar charts)
- 折線圖 (line graphs)

Characteristics	Generation X	Generation Y	Generation Z
Year of birth	1965-1980	1981-1996	1997-2012
Number of people worldwide	1.5 to 1.7 billion	1.8 to 2 billion	1.9 to 2.1 billion
% of world population	19-22%	23-25%	24-26%
Signature products (代表物品)	Personal computers 	Mobile devices (e.g., mobile phones) 	Wearable devices (e.g., smart watches) 

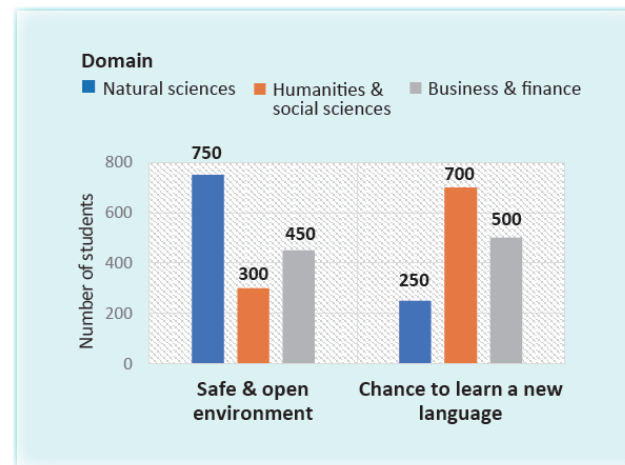


Figure 2 Number of students choosing the top two factors by domain

Note: The results are based on survey responses from 1,600 U.S. students.

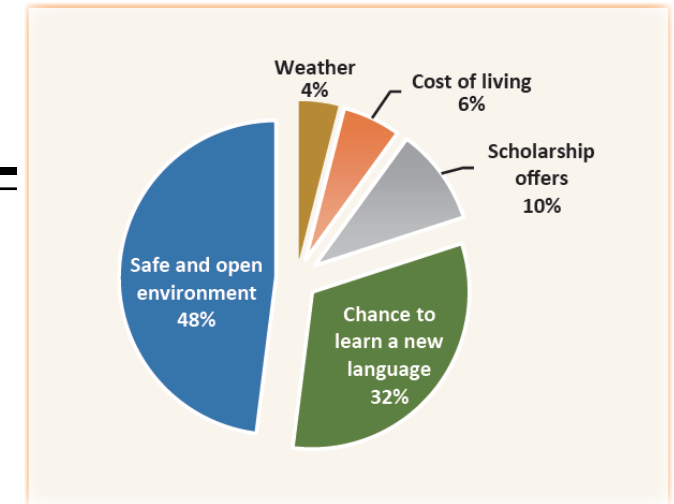


Figure 1 Factors students consider most important when choosing a destination overseas

Note: The results are based on survey responses from 1,600 U.S. students.

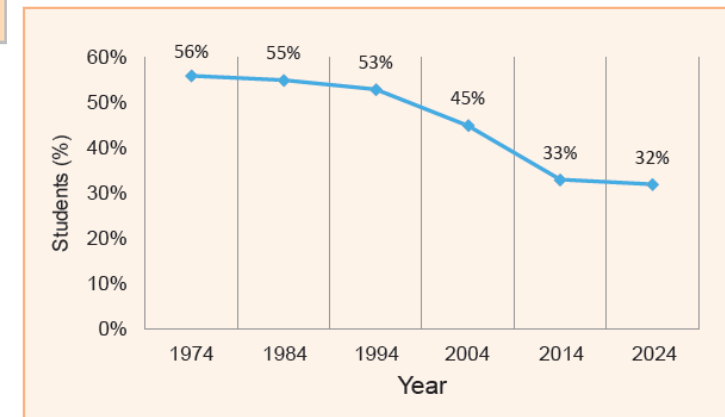


Figure 1 Percentage of Hampton College students with summer jobs (1974–2024)

Read, report and explain...

數據 (data) 在日常生活與學術研究中皆具有重要功能。學習以英語說明數據資料，特別是常用數字的唸法，是重要的基本訓練。

表格 (tables) 是呈現資料常用的工具，只要活用一些常用英語，我們就能正確引述表格中的資料，說明關鍵訊息。

在 Unit 2，我們將一起學習：

- 英語中常用數字的唸法；
- 引述表格內容，說明數據資料的技巧。

1 發音易混淆的數字

英語當中有些數字的唸法較易混淆，例如 13 (**thirteen**) 與 30 (**thirty**)，前者重音在第二音節，後者重音在第一音節，如果唸錯了，將造成誤解，請留意下列單字，粗體標有底線部分為重音節。

13 thirteen

30 thirty

17 seventeen

70 seventy

14 fourteen

40 forty

18 eighteen

80 eighty

15 fifteen

50 fifty

19 nineteen

90 ninety

16 sixteen

60 sixty

2

較大數字的唸法

100 (一百)	one hundred; a hundred
1,000 (一千)	one thousand; a thousand
10,000 (一萬)	ten thousand
100,000 (十萬)	one hundred thousand; a hundred thousand
1,000,000 (一百萬)	one million; a million
10,000,000 (一千萬)	ten million
100,000,000 (一億)	one hundred million; a hundred million
1,000,000,000 (十億)	one billion; a billion

涉及 million 與 billion 的較大數字，常用小數來表達，例如：
1,200,000 常寫成 1.2 million，唸法為 one point two million；
3,600,000,000 常寫成 3.6 billion，唸法為 three point six billion。

3 年份唸法

2000	two thousand
2024	twenty twenty-four
2002	twenty oh two
1492	fourteen ninety-two
the 15th c.	the fifteenth century
1500–1599	the fifteen hundreds
the 1980s	the nineteen eighties

4 分數與小數

$\frac{1}{2}$	one-half
$\frac{1}{3}$	one-third
$\frac{2}{3}$	two-thirds
$\frac{3}{5}$	three-fifths
$7\frac{1}{6}$	seven and one-sixth
0.9	zero point nine; point nine
7.6	seven point six
10.14	ten point one four
10.04	ten point oh four

5 百分比與比例

25%	twenty-five percent; a quarter
30%	thirty percent; three in ten; three out of ten
50%	fifty percent; a half

實用技巧

(1) 在描述「占比」的概念時，我們常用動詞片語 **account for** 或 **make up**，如下面的例句：

- Basketball is the most popular team sport among Hushan University students. It **accounts for** over half (52%) of their preferred activities.
- International students **make up** a quarter (25%) of the university's enrollment.

(2) 我們常在數字前面加上 **exactly**（剛好）、**nearly**（將近）、**approximately**（大約）等副詞，讓數值描述更有變化。

例如 48% 可以有下列表達方式：

$\left\{ \begin{array}{l} \textit{Exactly} \text{ 48 percent} \\ \textit{Nearly} \text{ half} \\ \textit{Approximately} \text{ 50 percent} \end{array} \right\}$ of the new employees this

year are over thirty years old.

6 描述「欄」(column) 與「列」(row)

Table 1 Most popular drink choices among Jin Tai University students

	Brand A	Brand B	Brand C
2020	45%	30%	25%
2022	44%	21%	35%

實用例句

- Looking at *the second column from the left*, we can see that Brand A was the most popular drink among students who participated in the survey in 2020 and 2022.
- The results of the survey conducted in 2020 are presented *in the second row from the bottom*. It is obvious that in both 2020 and 2022, over 40 percent of the survey respondents chose Brand A as their favorite drink.

Speaking Activity 1




Our generations, our future – From generation to generation



1

Task Content

The table below shows the results of a study conducted by students at Jintai University regarding the characteristics of Generations X, Y, and Z.

Characteristics	Generation X	Generation Y	Generation Z
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Speaking Activity 2

Our generations, our future – SDGs



SDGs

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Concluding remarks and assignment

- The requirement(s) – Examples
 - Informative speech
 - Persuasive speech
 - SDGs
- Read, report and explain...
- Assignment and preview – 'Dubbing' activity





Class Dismissed!

See you next week!

