Education Bureau Funded Professional Development Programme on **English Language Learning and Teaching** Enhancing the Learning and Teaching of English Vocabulary for Cross-curricular Learning in the Secondary English Classroom



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Outline

What can we expect from this workshop?

- Reflections on (cross-curricular) vocabulary and the teaching and learning of it
- Connection between English Language and non-language subjects in the development of vocabulary-building strategies
- Vocabulary building and development of reading and/or writing skills
- Demonstration on specific vocabulary-building strategies
- Recommendations on materials for vocabulary teaching
- ... anything else?

Reading Challenge 1:

Read the following text from the HKDSE 2021 English Language Reading Paper (B2) and answer Questions 57 (vii) and (viii) Please refer to the task sheet

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Read the following text from the HKDSE 2021 English Language Reading Paper (B2) and answer Questions 57 (vii) and (viii). Please refer to the task sheet.

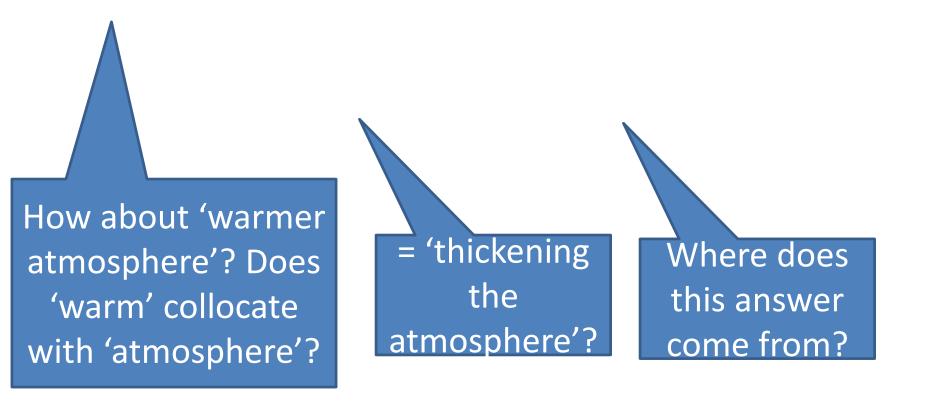
Reading Challenge 2:

Read the following text from the HKDSE 2021 English Language Reading Paper (A) and answer Questions 12 and 18. Please refer to the task sheet.

Reading Challenge 2:

Read the following text from the HKDSE 2021 English Language Reading Paper (A) and answer Questions 12 and 18. Please refer to the task sheet.

Reading Challenge 1 (Answers):



Reading Challenge 2 (Answers):

How about '(they) lost \$4 billion in market share'?

How about '(they) lost \$4 billion'?

How about '(they are) losing money'?

Reading Challenge 2 (Answers):

How about 'the industry is/the food companies are losing business/market share?

How about 'the Big Food companies have lost business/market share'?

Reading Challenge 3:

Read the following text from the HKDSE 2021 English Language Reading Paper (B2) and answer 50. Please refer to the task sheet.

Reading Challenge 3 (Answers):

How about 'a small step by a man'?

Reflection on (cross-curricular) vocabulary

Discussion Task (5 mins.):

'One small step for man, one giant leap for mankind'

- Which of the above words would you regard as 'vocabulary'? How do they affect the meaning of the whole expression? To what extent are they 'cross-curricular'?
- What is your definition of 'vocabulary'?
- Is there a vocabulary syllabus in your school's curriculum? If yes, to what extent are the above words covered?

Reflection on (cross-curricular) vocabulary

Discussion Task (Cont'd):

How about 'on earth' vs 'on the earth'?

'One small step for man, one giant leap for mankind'

- Neil Armstrong, the astronaut who said the above immortal words, once revealed that there was miscommunication between him on the moon and the people on the earth, and that a word actually got missing from this famous quote! Do you know what word it is (find it out from the Internet if not)? Is the meaning changed by adding it back?

To what extent is the above task contributing to our students' vocabulary learning? Any pedagogic implications?

From vocabulary to vocabulary teaching

- To what extent do you agree with the following propositions?
- a) Vocabulary teaching is a major part of my English lessons.
- b) Teaching vocabulary covers the spelling, pronunciation, and the dictionary meaning of words.
- c) Vocabulary treatment in the English language and other content subjects is different.
- d) Teaching vocabulary from content subjects would enhance students' general English proficiency.

Cross-curricular vocabulary and reading comprehension

5-second Reading Challenge:

You will only be given 5 seconds to read the text below. Your task is to identify the topic and the genre of the text.

- What type of text is it?
- What is the topic?
- What did you spot that makes you think so?

Vocabulary is an important resource for reading

- => Cross-curricular vocabulary is an important resource for cross-curricular reading
- => Cross-curricular vocabulary can best be taught through cross-curricular reading

White Salt Christmas Ornaments

Place plain flour and salt in a bowl and mix together. Add in warm water and press the mixture. If the mixture is too dry then add in a little more water. Keep the salt dough in the bowl and add some white paint. Add the white paint twice to get the desired whiteness of the salt dough. Press well until the white paint is thoroughly mixed then place on a surface. IMPORTANT – At this point WASH your equipment and hands. Roll out to around 1/2cm thick. Cut out your desired shapes. Place them on a lined baking tray. Set the oven to 100°C. Put it into the oven for around 1 hour. Turn over and check that the mixture is thoroughly dried if not return and continue drying. Leave to dry in a warm dry place for around 12 hours.

White Salt Christmas Ornaments

- How cross-curricular is this text?
- Which subject(s)/KLA(s) can we cross it over with?

- Do you know who invented the art of salt dough making?

Ancient Egyptians is a topic in...?

1. Human needs: past and present

Topic & enquiry questions

What basic human needs led to the emergence of early civilisations? What are the main characteristics of early civilisations?

 Development of the Stone Age: from nomadism to agriculture (using recent major archaeological discoveries of different places including Hong Kong as examples).

Learning points

 Rise of ancient civilisations, and the distribution and characteristics of the major world civilisations

• Case study: the Fertile

Crescent / the Nile Valley

/ the Indus Valley/ the

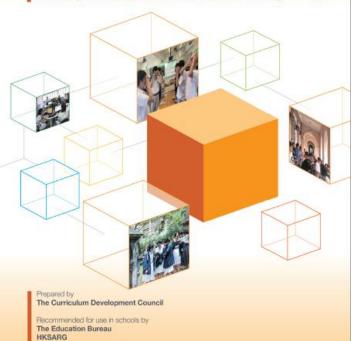
Huanghe Valley (Choose

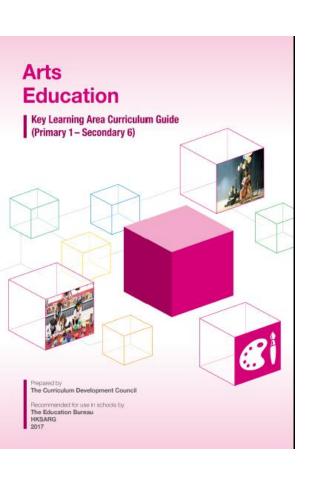
1 out of 4, study one more
case for the extended
part*)

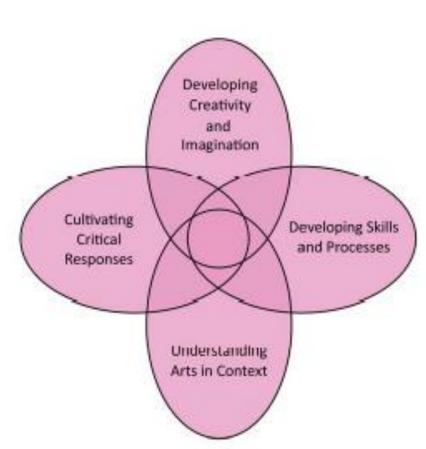
Ancient Egyptians is a topic in...?

Personal, Social & Humanities Education Key Learning Area

History Curriculum Guide (Secondary 1–3)







And
there is
potential
in
crossing
it over
with...

Learning Targets of the Arts Education Curriculum

A possible
alternative
cross-curricular
reading text:
Procedural text for
making Egyptian
style salt dough
scarab amulet

The Genre Egg Model

e.g. Science, Geography, Economics, English language arts

Text Type

e.g. Procedural texts, Information reports, Short stories

Paragraph / Sentence

Grammar & Rhetorical functions: e.g., Compare & Contrast, Defining

Word

Lexical Phrases

Let's focus on the text-type and word levels this time. In addition to History and VA, are texts of the above type found in our **English subject** as well? What kinds of vocabulary are expected in all these texts?

Vocabulary task suggestions: Useful for cross-curricular writing as well!

- Circle all the words suggesting the exact actions to be taken to make salt ornaments. What would be the grammatical pattern in which these words are shown in the text?
- Which of the following words do NOT show actions we have to take to make the ornaments: place, add, press, dry?
- What are your comments on the time/sequence expressions used in the text?
- Why is the word 'IMPORTANT' in capital letters? What does it mean in the text?

White Salt Christmas Ornaments

Place plain flour and salt in a bowl and mix together. Add in warm water and press the mixture. If the mixture is too dry then add in a little more water. Keep the salt dough in the bowl and add some white paint. Add the white paint twice to get the desired whiteness of the salt dough. Press well until the white paint is thoroughly mixed then place on a surface. IMPORTANT — At this point WASH your equipment and hands. Roll out to around 1/2cm thick. Cut out your desired shapes. Place them on a lined baking tray. Set the oven to 100°C. Put it into the oven for around 1 hour. Turn over and check that the mixture is thoroughly dried if not return and continue drying. Leave to dry in a warm dry place for around 12 hours.

What further potential is there for using the above text in promoting cross-curricular vocabulary learning?

- Vocabulary in Technology and Living, Life and Society etc.
- Action verbs in Science experiment procedures (e.g. add, mix, place)
- Time adverbials in Mathematics word problems (e.g. gradually, twice)

... also the potential for teaching vocabulary in context and lexico-grammar (e.g. action verbs in imperative structure)

Cross-curricular vocabulary and reading comprehension

- If you were to introduce the above text in your own language classroom, would you choose Version 1 or Version 2 (please refer to the handout)? Why?
- How about Version 3a, 3b and/or 3c?
 - 3a: web link a
 - 3b: web link b
 - 3c: web link c
- Do take into consideration how you would cater for learner diversity.

Cross-curricular vocabulary-building strategies: Using graphic organisers for meaningful vocabulary learning

Graphic organiser 1: Mind maps

e.g.: Mind map for animal kingdom

Graphic organiser 2: Concept maps

e.g.: Concept map for climate change

for cross-curricular writing!

Graphic organiser 3: Venn diagrams

e.g. Venn diagram for series circuits vs parallel circuits

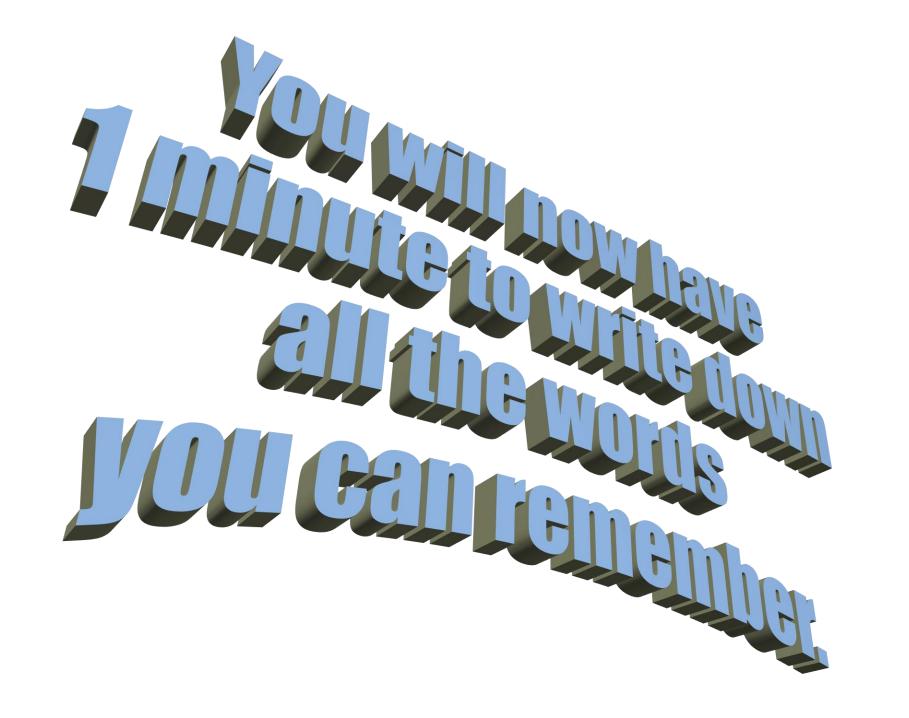
Graphic organiser 4: Frayer model

e.g.: Frayer model for



Try to remember these words:

| water | life | rabbit | line | home |
|--------|---------|-------------------|-------|-------|
| field | ball | dog | apple | sheep |
| head | picture | year | sky | hill |
| cloud | horse | chock-a- block | pen | wind |
| pig | COW | foot | door | snow |
| flower | cat | | | |



What does this tell us?

| water | life | rabbit | line | home |
|--------|---------|-------------------|-------|-------|
| field | ball | dog | apple | sheep |
| head | picture | year | sky | hill |
| cloud | horse | chock-a- block | pen | wind |
| pig | COW | foot | door | snow |
| flower | cat | | | |

Now it's time for some hands-on practice!

Be as creative as you can be

Study the 2018 HKDSE Reading B1 text.

What insights do you have for exploiting the text for cross-curricular vocabulary teaching, learning, enrichment and consolidation?

As a team, select **ONE main area of teaching focus**.

Consider...

- what you will teach about the area, why and how,
- the linkage between this and (an)other subject(s) / KLA(s),
- Obligation of the second of
- 4 strategies for vocabulary building and consolidation, and
- **5** briefly sketch a task / an activity for one of the ideas above.

Our team has chosen to focus on ______
because ...

Here are our teaching ideas: This is our **task**.

To further support students in crosscurricular vocabulary enhancement, we may...

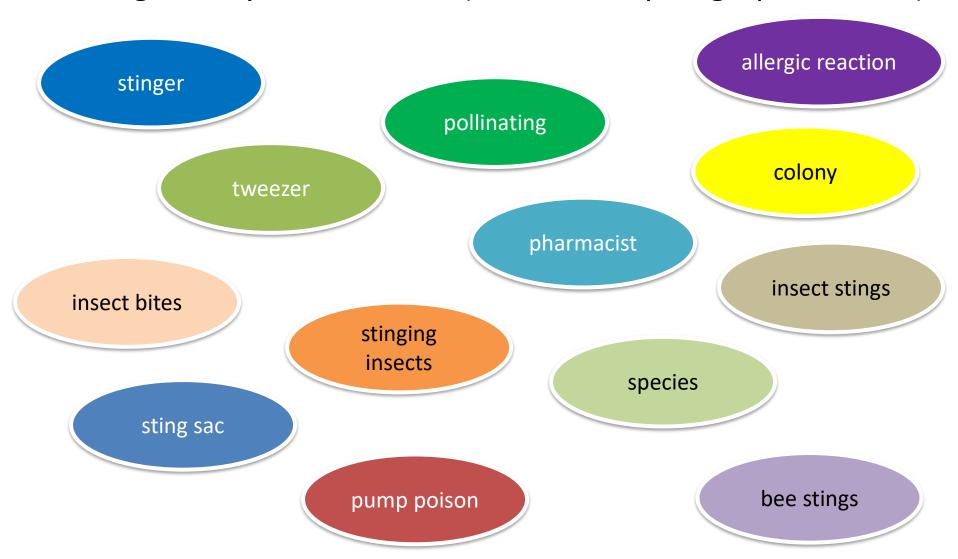
What do you think of our ideas?

Teaching Points

- ✓ pronunciation & phonological cues
- ✓ phrase level:e.g. comparatives & superlatives, imperatives, ...
- ✓ sentence patterns, e.g. conditionals

The Language of Science

Draw a graphic organiser to show your understanding of the meaning conveyed in the text (and write a paragraph about it).



Word Class

| | • | | | |
|-----------|-------------------------------------|-----------------------------|--------------------------|------|
| | v. | n. | adj. | adv. |
| sting | sting stang stung | sting stings stinger | stinging | |
| itch | cause(d) itchiness | itch itching | itchy | |
| allergy | cause(d) allergy | allergy allergies | allergic | |
| react | react(ed) to | reaction | reactive | |
| swell | swell(ed) | swell swelling | swollen | |
| poison | poison(ed) | poison | poisonous | |
| inject | inject(ed) sth. into | injection | | |
| pollen | pollinate(d) spread pollen | pollination pollinator | pollinating | |
| sensitive | sense(d) vs cause(d) a sensation | sensation vs sensitivity | sensitive sensational | |
| provoke | provoke(d) | provocation | provoking | |

Word Formation

| | v. | n. | adj. | adv. |
|-----------|---|---|---|------|
| sting | sting st <mark>a</mark> ng st <mark>u</mark> ng | sting sting <mark>s</mark> sting <mark>e</mark> r | stinging | |
| itch | cause(d) itch <mark>iness</mark> | itch itch <mark>ing</mark> | itchy | |
| allergy | cause(d) allergy | allerg <mark>y</mark> allerg <mark>ies</mark> | allergic | |
| react | react(ed) to | reaction | react <mark>ive</mark> | |
| swell | swell(ed) | swell swelling | sw <mark>ollen</mark> | |
| poison | poison(ed) | poison | poisonous | |
| inject | inject(ed) sth. into | inject <mark>ion</mark> | | |
| pollen | pollinate(d) spread pollen | pollinat <mark>ion</mark> pollinat <mark>or</mark> | pollinating | |
| sensitive | sense(d) vs cause(d) a sensation | sensation vs sensitivity | sensit <mark>ive</mark> vs sensat <mark>ional</mark> | |
| provoke | provoke(d) | provocation | provok <mark>ing</mark> | |

Collocation

| | v. | n. | adj. | adv. |
|-----------|---|---|---|------|
| sting | sting st <mark>a</mark> ng st <mark>u</mark> ng | sting sting <mark>s</mark> sting <mark>e</mark> r | stinging | |
| itch | cause(d) itchiness | itch itch <mark>ing</mark> | itchy | |
| allergy | cause(d) allergy | allerg <mark>y</mark> allerg <mark>ies</mark> | allergic | |
| react | react(ed) to | reaction | react <mark>ive</mark> | |
| swell | swell(ed) | swell swelling | sw <mark>ollen</mark> | |
| poison | poison(ed) | poison | poison <mark>ous</mark> | |
| inject | inject(ed) sth. into | injection | | |
| pollen | pollinate(d) spread pollen | pollinat <mark>ion</mark> pollinat <mark>or</mark> | pollinating | |
| sensitive | sense(d) vs cause(d) a sensation | sensation vs sensitivity | sensit <mark>ive</mark> vs sensat <mark>ional</mark> | |
| provoke | provoke(d) | provocation | provok <mark>ing</mark> | |

Behaviour of Words

| | V. | n. | adj. | adv. |
|-----------|----------------------------------|--|---|------|
| sting | sting stang stung | sting sting <mark>s</mark> sting <mark>er</mark> | stinging | |
| itch | cause(d) itchiness | itch itch <mark>ing</mark> | itchy | |
| allergy | cause(d) allergy | allerg <mark>y</mark> allerg <mark>ies</mark> | allerg <mark>ic</mark> | |
| react | react(ed) to | reaction | react <mark>ive</mark> | |
| swell | swell(ed) | swell swelling | sw <mark>ollen</mark> | |
| poison | poison(ed) | poison | poisonous | |
| inject | inject(ed) sth. into | injection | | |
| pollen | pollinate(d) spread pollen | pollinat <mark>ion</mark> pollinat <mark>or</mark> | pollinating | |
| sensitive | sense(d) vs cause(d) a sensation | sensation vs sensitivity | sensit <mark>ive</mark> vs sensat <mark>ional</mark> | |
| provoke | provoke(d) | provocat <mark>ion</mark> | provok <mark>ing</mark> | |

Pronunciation & Phonological Cues

| | Torrariciation | 1 0 11011 | <u> </u> | 000 |
|-----------|--|---|--|---------------|
| | v. | n. | adj. | adv. |
| sting | st <mark>i</mark> ng st <mark>a</mark> ng st <mark>u</mark> ng | sting sting <mark>s</mark> sting <mark>e</mark> r | stinging | |
| itch | cause(d) itchiness | itch itch <mark>ing</mark> | itchy | |
| allergy | cause(d) allergy | allerg <mark>y</mark> allerg <mark>ies</mark> | allerg <mark>ic</mark> | |
| react | react(ed) to | react <mark>ion</mark> | react <mark>ive</mark> | |
| swell | swell(ed) | swell swelling | swollen | Which is |
| poison | poison(ed) | poison | poisonous | stress the is |
| inject | inject(ed) sth. into | inject <mark>ion</mark> | | stressed |
| pollen | pollinate(d) spread pollen | pollinat <mark>ion</mark> pollinat <mark>or</mark> | pollinat <mark>ing</mark> | |
| sensitive | sense(d) vs cause(d) a sensation | sensat <mark>ion</mark> vs sensit <mark>ivity</mark> | sensit <mark>ive</mark> vs sensat <mark>iona</mark> | I |
| provoke | provoke(d) | provocation | provoking | |

Nominalisation

| Fe | orm 1 Mathematics | Secondary Sch | | | |
|--------------------------------|----------------------|--------------------|-----------------------|-------------|---|
| | apter 9 – Congruen | | | | |
| Name: | | • | Class: | (|) |
| 9.1 Congruence (p.9.5) | | | | | |
| Key Terms: | | | | | |
| Congruent figures | Translation | Rotation | R eflection | | |
| When two figures are identical | l in shape and size. | , may be different | in position, they are | called | |
| congruent figures. | • | | | | |
| Below shows some pairs of co | ongruent figures. | | | | |
| (| | G | | | |
| By Rotation and Tran | aslation | By Trans | lation | | |
| By Rotation, Reflection an | i Translation | | By Reflection and | Translation | |

<u>Maths</u>: addition, subtraction, multiplication, division, factorisation, simplification <u>Science</u>: evaporation, condensation, crystallisation, vaporisation, polymerisation <u>PSHE</u>: colonisation, trade liberalisation, localisation, polarization,

Quantifiers ____ of ____

(unit)

(n.)

| | S1 Mathematics Activity Worksheet | |
|----------------------------|---|---|
| S.1 () | Name: | () |
| Level 1 | | |
| 1a. 9 packs of candies co | ost \$162. Find the cost of a pack of candies. | |
| | What is your equation? Let the cost of a pack of candies be y. | |
| 1b. Refer to the following | equation. Write your own word problem. | |
| | 6 <i>y</i> = 126 | Hints: You may use the following expressions: find the cost of of (unit) (food) |
| | in equation $6y = 126$ to create a short stor and 'food' to write your story. Write in aro | |
| | day. We are planning to give her a surprise Then, | |
| | _ (word to express 'opinion') she'll be very _ | (adj) and |
| (adj). | | |







CROSS-CURRICULAR COLLABORATION

The Maths teacher first...

| 1a. | 9 | packs | of | candies | cost | \$162. | Find | the | cost | of a | pack | of | candies. |
|------|---|-----------|-----|---------------|------|--------|-------|-------|------|------|--------|----|--------------|
| ~ ~~ | - | D CO CALO | ~ ~ | O OULL OF LOW | | 4 1 0 | ~ ~~~ | OLL W | | OI W | Perezz | 01 | o collect or |

What is your equation?

Let the cost of a pack of candies be y.



1b. Refer to the following equation. Write your own word problem.

$$6y = 126$$

Hints: You may use the following expressions:

- find the cost...
- ____ of ____ .

(unit) (food)

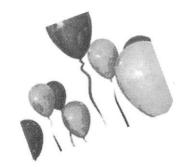
CROSS-CURRICULAR COLLABORATION

The English teacher then...

In your group, use the given equation 6y = 126 to create a short story. You can refer to the posters on 'measure words' and 'food' to write your story. Write in around 60-80 words. You may follow the outline below.

| Today is Miss Chan's birthday. | We are planning to give her a surprise. | Firstly, we'll buy |
|--------------------------------|--|--------------------|
| | Then, | |
| | | |
| | | · |
| We(we | ord to express 'opinion') she'll be very | (adj) and |
| (adj). | | |







CROSS-CURRICULAR COLLABORATION





Word Class

| adj. | adv. |
|-----------|----------------------------|
| | usual <mark>ly</mark> |
| | quick <mark>ly</mark> |
| | promptly |
| immediate | immediate <mark>ly</mark> |
| | particular <mark>ly</mark> |
| common | common <mark>ly</mark> |
| | |

Synonyms

Find a word in the text / in Paragraph ___ which has the same meaning as... or Match the words that share the same meaning in the given context.

| ease, reduce |
|--------------|
| result in |
| inject |
| quickly |
| serious |
| poisonous |
| people |
| pain |
| |

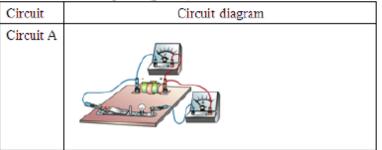
Comparatives & Superlatives

| What do we notice about the structure when more / less is used? | | |
|---|--|--|
| less dangerous than | | |
| | | |
| (much) more sensitive to than | | |
| | | |
| (much) less likely | | |
| | | |
| not as sharp as | | |
| | | |
| more than a minute / day | | |

Comparatives & Superlatives

| Unit 8.4 Voltage Copytimes | | Word List | |
|--|-----------------------|---------------------------|---------------|
| 1. Voltage | 2. voltmeter | 3. unit: volt | 4. positive |
| | | (V) | pole |
| 5. Voltage is the | e electrical push tha | t makes | 6. negative |
| electrons flow i | n a circuit. | | pole |
| *7. The higher t | he voltage of a dry | cell, the | 8. positive |
| greater is the el | ectrical push. | | terminal (red |
| | | | button) |
| 9. negative tem | ninal (black | 10. pointer | • |
| button) | | | |
| 11. The red positive terminal of the voltmeter should be | | | |
| connected to the positive pole of the dry cell. | | | |
| 12. The black negative terminal of the voltmeter should be | | | |
| connected to th | e negative pole of t | the dry cell. | |
| 13. Button | 14. Accumulator | 15. Solar cell | 16. Car |
| cell | | | battery |
| 17. electrical | 18. ammeter | 19. unit: | 20. current |
| appliance | A | ampere (A) | |
| *21. The bulb will be | | 22. The bulb will be | |
| brighter/bright. | | dimmer/dim. | |
| *23. The brightness of the bulb | | 24. The brightness of the | |
| increases/is high. | | bulb decreases/is low. | |
| 25. are connected in the same | | 26are connected to | |
| direction | | | |

| 27. are connected in opposite | | | | |
|---|-----------------------------|--|--|--|
| directions. | | | | |
| *28. When more cells are connected in the same direction. | | | | |
| the | the voltage will be higher. | | | |
| The current will be greater and therefore | | | | |
| the | the bulb will be brighter. | | | |
| 29. voltage can cancel each other if the cells are connected in | | | | |
| opposite directions. | | | | |
| 30. The voltage and current will be larger if the dry cells are | | | | |
| joined in the same direction. | | | | |
| 31. Measure the voltage across point A and point B. | | | | |
| *32. The higher the voltage, the larger is the size of the current. | | | | |
| <u>V↑ ⊐ I 1</u> | | | | |
| 33. V=voltage; I=current | | | | |
| Draw the circuit diagrams (p. 104) | | | | |
| Circuit | it Circuit diagram | | | |



Comparatives & Superlatives

Collaboration between a Maths and an English teacher

| he area of Flat A is | | |
|-----------------------|--------------------------------|--|
| he area of Flat B is | | |
| /hich flat is bigger? | | |
| hink Aloud - Consider | All Factors | |
| Factor | Comparison between Flats A & B | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| will buy Flat | | |
| | | |

Consider All Factors

1. size

2. shape

5. orientation

4. price

3. location

Help Bag

| Adjectives to Make Comparisons | 1. | |
|---------------------------------------|----------------------------------|--|
| 1. big / large / small / same | | |
| 2. regular / irregular | 2. | |
| 3. convenient / far / close | | |
| 4. cheap / expensive / dear | 3. | |
| 5. good / bad | | |
| Sentence Patterns to Make Comparisons | 4. | |
| • Flat A is as as Flat B. | | |
| • Flat A is not as as Flat B. | 5. | |
| • Flat A is (more) than Flat B. | | |
| • Flat A is (less) than Flat B. | | |
| | → I will buy Flat because of the | |
| → I will buy Flat because of the | above reasons. | |
| above reasons. | | |

Verb Phrases

Imperatives

To clean the wound, <u>wash</u> it with soap and then <u>reduce</u> swelling...

To relieve itching, <u>apply</u> anti-histamine cream... or <u>take</u> an oral anti-histamine tablet.

If the itching is severe, consult your pharmacist about...

<u>Call</u> an ambulance immediately if...

Imperatives

| Diagr | rams | | | | |
|-------|---------|----------|---------------------------------|------|-------------------------------|
| 3 (| 3 ((// | add | 5 g of solid A | | a test tube/ test tube P |
| | | drop | 5 cm ³ of solution B | | a boiling tube |
| | | transfer | 5 drops of liquid C | into | a beaker |
| | | put | 5 pieces of solid D | | a flask |
| | | pour | 14 | | test tubes P & Q respectively |
| | | (liquid) | | | |

Acknowledgement: Miss Cheung of Munsang College, Hong Kong

Verb Phrases

by

It stings by injecting...

... reduce swelling by bathing... or by covering it...

result in

The effect is immediate and **results in** a sharp, burning, sensation.

Bee stings have the potential for an allergic reaction, resulting in anaphylactic shock, a serious medical condition that...

Sentence Patterns

Conditional Sentences

If stung by a bee, the pain will be reduced significantly if the stinger is removed promptly.

If the itching is severe, consult your pharmacist about steroid creams.

Call an ambulance immediately if someone has a severe reaction to an insect sting.

Conditionals

How is rain formed?

- 1. When the sun heats up the water in oceans, rivers and on land, water evaporates to form water vapour.
- 2. The water vapour is carried upwards by warm air.
- 3. When the water vapour rises higher, it condenses into tiny water droplets because the surrounding air is cooler.
- 4. When the tiny water droplets gather, they form clouds.
- 5. When the water droplets in the clouds form large drops of water, they fall as rain.

Comparatives, If & Imperatives

- 211. Vivian buys a carton (盒) of apple juice. She reserves 400 mL for herself, and then fills 10 cups of 120 mL for the rest. How much apple juice does she buy?
- 212. In a shop, if we buy a carton of apple juice, we can get the second carton at half price. If 2 cartons of apple juice cost \$33 find the original price of a carton of apple juice.
- 213. Grandmother is 45 years older than Bobby. Her age will be 4 times of Bobby's age 3 years later. How old is Bobby now?
- 214. Grandmother is 52 years older than Bobby. Her age was 5 times of Bobby's age 5 years ago. How old is Bobby now?
- 215. Mr. Yip buys 8 mangoes and 6 pears in a supermarket. The cost of a mango is \$2 more than a pear. Mr. Yip pays \$100 for the fruit and the change is \$14.
 - (a) How much is a pear?
 - (b) If an orange is \$1 cheaper than a pear, how many oranges can be bought with \$100?
 - (c) If an apple is \$1 more expensive than a mango, how many apples can be bought with \$100 at most?
- 216. In a shop, there are 2 types of pens: Brand A and Brand B. 80 pens are sold and the revenue (收入) is \$475 If the price of Brand A pen and Brand B pen cost \$8 and \$5 respectively, how many Brand A pens are sold?

Others

A Guide to Bee Stings

Bees are known for their role in producing honey and pollinating flowers to produce fruit.

The most common insects that sting are wasps...

Sentence-making Tables

Defining

| Specific term | Is / means/ refers to | General noun (a class) | Defining relative clause |
|---------------|--------------------------|---------------------------|---|
| Ingestion | is | the process | which takes food into the alimentary canal through our mouth. |

Classifying

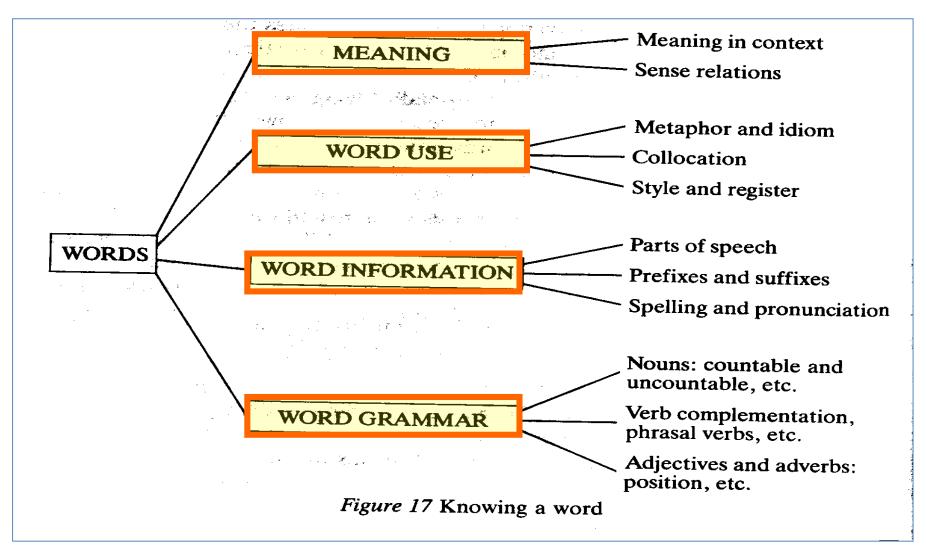
| General noun (a class) | Verb phrase (adverbs) | Number | Nouns (referring to groups) |
|------------------------|--------------------------------|--------|--------------------------------|
| The food substances | are (normally) classified into | seven | types. |

Exemplifying

| Name of the example | Verb phrase (adverbs) | | General noun (the group that it belongs) |
|---------------------|--------------------------|------------|--|
| Vinegar | is | an example | of food preservatives. |

Wrapping up with a few highlights

What must be taught?

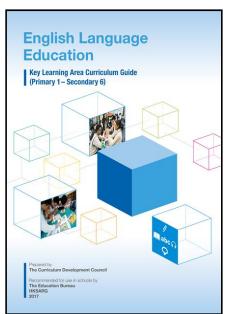


Recommendations on EDB materials for vocabulary teaching

1. English Language Education Key Learning Area Curriculum Guide

https://www.edb.gov.hk/attachment/en/curriculum-development/kla/eng-edu/Curriculum%20Document/ELE%20KLACG 2017.pdf

(e.g. vocabulary-building strategies on p. 21; Example 2: Connecting Students' Learning Experiences between English Language and Non-language Subjects through Promoting Language across the Curriculum at the Junior Secondary Level)

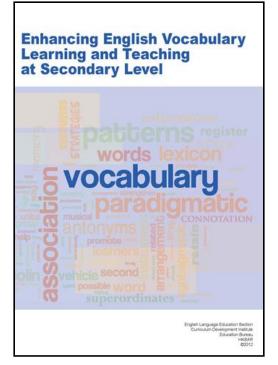


Recommendations on EDB materials for vocabulary teaching

2. Enhancing English Vocabulary Learning and Teaching at Secondary Level (2012)

https://www.edb.gov.hk/attachment/en/curriculum-development/kla/eng-edu/Enhancing%20English%20Vocabulary%20Learning%20and%20Teaching%20at

%20Secondary%20Level/Booklet.pdf

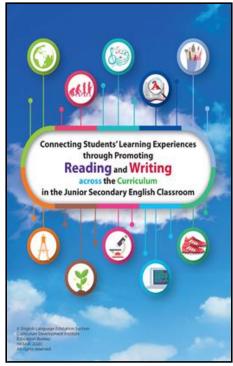


Recommendations on EDB materials for vocabulary teaching

3. Connecting Students' Learning Experiences through Promoting Reading and Writing across the Curriculum in the Junior Secondary English

Classroom (2020)

https://www.edb.gov.hk/attachment/en/curriculum-development/kla/eng-edu/references-resources/RWaC/RWaC_JS.pdf



Some Final Tips

on how to enhance collaboration between teachers of English and those of non-language subjects in facilitating students' development of vocabulary building skills / cross-curricular learning

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Lesson-focused

(e.g. Algebraic expressions, comparatives / quantifiers)

Project-based (e.g. Statistics + Visual Arts + English)

Cross-curricular collaboration

(e.g. Technology and Living + BAFS + Maths + English)
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- Curriculum alignment

 Consultation on material selection
- Cross-curricular assessment

Conclusion

- Connection between the English Language and non-language subjects in the development of vocabulary-building skills
- Importance of raising students' awareness of vocabulary-building strategies introduced in the English Language, which are transferrable and can be applied in decoding unfamiliar words across subjects and in their everyday life.