

T. W. G. Hs. Kwok Yat Wai College

# Language Across Curriculum

S.3 Student Course Book 2016-2017

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Class No.: \_\_\_\_\_

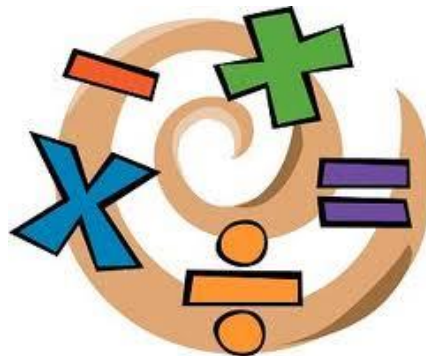


# Language Across Curriculum



## Contents

Unit	Title	Page
1	Introduction	3
2	Vocabulary	4 – 10
3	Special Language Features	11 – 12
4	Classroom Language	13 – 17





## Unit 2 – Vocabulary

### A. List of some useful subject vocabulary

#### 1. Mathematics

Divide the following words into syllables and underline the stress as well as check their Chinese meanings.

#### Chapter 1

	Word	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Inequality							
2	Inequality sign							
	sign							
3	Law of trichotomy							
	trichotomy							
4	Transitive property							
	Transitive property							
5	Additive property							
	Additive							
6	Multiplication property							
	Multiplication							
7	Reciprocal property							
	Reciprocal							
8	Solutions of the inequality							
	Solutions							

## Chapter 2

	Word	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Growth factor							
2	Decay factor							
3	Depreciation							
4	Depreciation rate							
5	Principal							
6	Interest							
7	Interest rate							
8	Deposit period							
	Deposit							
	period							
9	Annual interest rate							
	Annual							
10	Simple interest							
	Simple							
11	Amount							
12	Compound interest							
	Compound							

## Chapter 3

	Word	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Angle bisector							
2	Median							
3	Altitude							
4	Perpendicular bisector							
	Perpendicular							
5	Triangle inequality							
	Triangle							

	Word	Syllables						Chinese meaning
6	Incentre							
7	Inscribed circle							
	Inscribed							
	circle							
8	Circumcentre							
9	Circumscribed circle							
	Circumscribed							
10	Centroid							
11	Orthocentre							

### Chapter 4

	Word	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Quadrilateral							
2	Parallelogram							
3	Rectangle							
4	Square							
5	Rhombus							
6	Trapezium							
7	Kite							
8	Intercept							

## 2. Integrated Science

Divide the following words into syllables and underline the stress as well as check their Chinese meanings.

### Unit 12 A healthy body

	Words	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Carbohydrates							
2	Fats							
3	Proteins							
4	Vitamins							
5	Minerals							
6	Dietary fibre							
7	Water							
8	Digestion							
9	Enzyme							
10	Stomach							
11	Pulse							
12	Blood pressure							
13	Balanced diet							
14	Food pyramid							
15	Small intestine							
16	Preservative							
17	Artery							
18	Vein							
19	Cholesterol							
20	Body Mass Index							

### Unit 13 Metals

	Words	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Metal							
2	Element							
3	Compound							
4	Alloy							
5	Physical change							
6	Chemical change							
7	Landfill							
8	Recycle							
9	Ore							
10	Extraction							

### Unit 14 Materials of the modern world

	Words	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Molecule							
2	Hydrocarbon							
3	Fractional distillation							
	Fractional							
	distillation							
4	Plastic							
5	Polymer							
6	Material							
7	Crude oil							
8	Fraction							
9	Polymerization							
10	Composite material							
	Composite							
	material							



### 3. Business Fundamentals

Divide the following words into syllables and underline the stress as well as check their Chinese meanings.

#### Chapter 1

	Words	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Finance							
2	Investment							
3	Risk							
4	Interest							

#### Chapter 2

	Words	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Demand							
2	Supply							
3	Equilibrium price							

#### Chapter 3

	Words	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Form of tourism							
2	Leisure							
3	Culture							
4	Study							
5	Religion							

## Chapter 4

	Words	Syllables						Chinese meaning
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	
1	Trading account							
2	Profit and loss account							
3	Balance sheet							
4	Stock							

## Unit 3 – Special Language Features

### Subject: Maths

Focus	Language items & structures	Signal words
Report findings	<ul style="list-style-type: none"> <li>● This study was to ...</li> <li>● The main findings were that ...</li> <li>● It was concluded that ...</li> <li>● The recommendations are ...</li> </ul>	due to, because, in light of this, in addition, surprisingly

### Subject: Science

Focus	Language items & structures	Signal words
Defining and giving examples	<ul style="list-style-type: none"> <li>● ... is defined/called/known as ...</li> <li>● Examples include ...</li> <li>● ... such as ...</li> </ul>	defined, known, called, example, instance, in other words
Describing processes	<ul style="list-style-type: none"> <li>● The first/second step is ...</li> <li>● ... begins with ...</li> <li>● When this happens, ...</li> <li>● While ...</li> </ul>	first, second, third, next, then, lastly, at the same time
Classification	<ul style="list-style-type: none"> <li>● There are ... types/kinds of ...</li> <li>● ... consists of/comprises of ... types</li> <li>● ... can be classified/grouped/divided into ...</li> </ul>	refer to, described as, mean, called
Comparing and contrasting	<ul style="list-style-type: none"> <li>● ... is like/similar to ...</li> <li>● ... is unlike/different from ...</li> <li>● ... as well as ...</li> <li>● Either ... or ...</li> </ul>	however, but, on the other hand, while, although, unless, similarly, instead

<b>Focus</b>	<b>Language items &amp; structures</b>	<b>Signal words</b>
Cause and effect	<ul style="list-style-type: none"> <li>● ... may cause/lead to/result in ...</li> <li>● ... caused by/resulting from ...</li> <li>● ... thus/thereby ...</li> <li>● Owing to/Because of/As a result of ...</li> <li>● If/When ..., ...</li> </ul>	<p>due to, as, since, because, therefore, as a result, consequently</p>
Problem and solution	<ul style="list-style-type: none"> <li>● The problem/challenge is ...</li> <li>● The solutions/measures are ...</li> <li>● To solve the problem, ...</li> <li>● I'd suggest/recommend ...</li> <li>● To improve the situation ...</li> </ul>	<p>so as to, in order to, so that, in order that, because of, due to, since, as</p>

## Unit 4 – Classroom Language

Read the Chinese translations of the following sentences. Think about how they will be said in English. Fill in the blanks with suitable words.

What you or your English teacher may say:

1.		早安。
2.		再見。
3.		站起來。
4.		坐下。
5.		拿出你的書本。
6.		請翻到 27 頁。
7.		合上你的書本。
8.		收起你的書本。
9.		把日期寫在右上角。
10.		寫上你的名字和你的學號。
11.		用鉛筆寫。
12.		用墨水筆寫。
13.		隔行寫。
14.		拼寫那個字。
15.		重複我說的。

16.		請清潔黑板。
17.		坐好。
18.		不要說話。
19.		我可以開風扇嗎？
20.		我可以關掉風扇嗎？
21.		我可以打開窗戶嗎？
22.		我可以關閉窗戶嗎？
23.		我可以拉起百葉簾嗎？
24.		我可以拉下百葉簾嗎？
25.		我可以上洗手間嗎？
26.		是的，你可以。
27.		不可以。
28.		對不起，我來晚了。
29.		對不起，我忘記帶我的教科書。
30.		對不起，我忘記做功課。
31.		對不起，我不知道。
32.		對不起，我不明白你說的話。

33.		保持安靜。
34.		排隊。
35.		誰是今天當值？
36.		看看黑板。
37.		留心聽。
38.		注意我。
39.		下星期一交你的書。
40.		明天帶這本書。
41.		請說大聲一點。
42.		跟我讀。
43.		寫在你的堂課。
44.		如果你有任何問題，請舉手。
45.		小休時間來見我。
46.		午飯時間來見我。
47.		放學後來見我。

What you or your Mathematics teacher may say:

1a.	_____ 30 to 40. We'll have 70.	$30 + 40 = 70$
1b.	30 _____ 40. We'll have 70.	
1c.	The _____ of 30 and 40 is 70.	
2a.	_____ 70 from 90. We'll have 20.	$90 - 70 = 20$
2b.	90 _____ 70. We'll have 20.	
2c.	When 70 _____ from 90, the _____ is 20.	
3a.	_____ 5 by 6. We'll have 30.	$5 \times 6 = 30$
3b.	6 _____ 5. We'll have 30.	
3c.	The _____ of 6 and 5 is 30.	
4a.	_____ 18 by 6. We'll have 3.	$18 \div 6 = 3$
4b.	18 _____ by 6. We'll have 3.	
4c.	When 18 _____ by 6, the _____ is 3.	

What you or your Integrated Science teacher may say:

1.	Group _____ please come out and get the apparatus / chemicals.	第 _____ 組請出來拿儀器 / 化學品。
2.	Add / put _____ $\text{cm}^3$ of water into the test tube.	把 _____ 立方厘米的水倒入試管。
3.	Place _____ on the table.	把 _____ 放在桌子上。



4.	Turn on / Turn off the Bunsen burner.	開啟/關閉本生燈。
5.	Shake / tap the test tube.	搖動試管。

What you or your Business Fundamentals teacher may say:

1.	Please explain the answer with _____.	解釋你的答案並述其理由。
2.	Give one _____.	請給一個例子。
3.	_____ this with your group.	與你的小組討論。
4.	Choose a person to _____ your ideas to class.	選一位同學向全班匯報。
5.	Please spend 15 minutes to do the _____.	請用十五分鐘做個案研究。
6.	Please find the _____ related to the topic	請找題目相關的剪報或文章。
7.	Remember to bring your _____ to the next lesson.	記住下堂帶計算機。
8.	Bring your _____ back for the next lesson.	下堂帶回筆記。