



## Tenbury High Ormiston Academy Maths Department

# Stage 6 Home Learning project Summer term 1

Name:	Deadlines:
Maths teacher:	
LMG:	

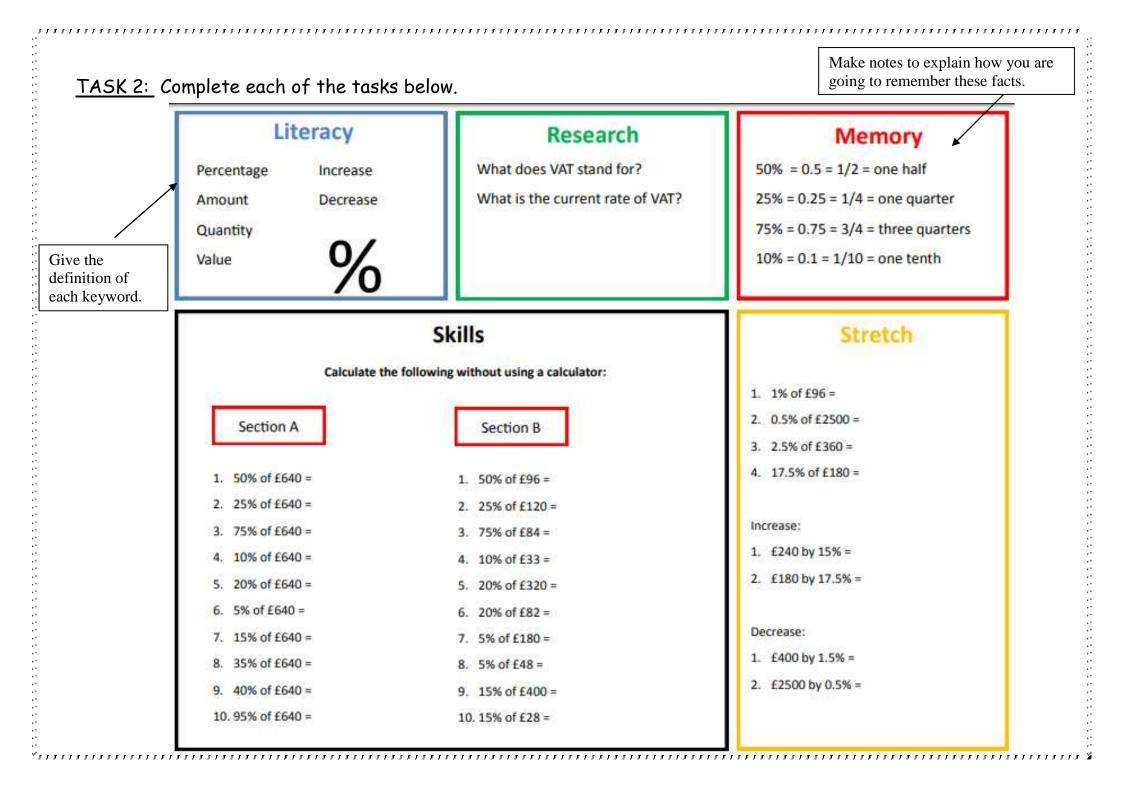
If you have any problems with any of the tasks then please ask your class teacher or pop along to homework club on Tuesday, Wednesday or Thursday lunchtimes.

For assessment criteria please see the school websites new homework page. All tasks should be completed in your maths book and clearly labelled homework.

## Task 1: Mathematical definitions

Write a definition for each of the following terms and give an example where possible. (These should be done in your book)

Investigating angles Calculating fractions, decimals and per		
Angle	Mixed number	
Degrees	Equivalent fractions	
Right angle	Simplify	
Acute angle	Lowest terms	
Obtuse angle	Proper fraction	
Reflex angle	Improper fraction / top-heavy fraction/ Vulgar	
	fraction	
Vertically opposite	Numerator	
	Denominator	
	Percent	
	Percentage	



Task 3: Create one of the following resources to explore the idea of <u>converting between units of length</u>, <u>mass</u>, <u>capacity and time</u>.

- a presentation
- prepare a starter activity
- a game

Task 4: Computer based homework task

Using <u>www.corbettmaths.com</u> watch the following videos and answer the questions set in your homework book. You <u>must show all your working out.</u>

### Video 38 Types of angle

Green	Amber	Red	Killer
Textbook exercise	Textbook exercise	Textbook exercise	Textbook exercise
Questions 1 and 2	Questions 2 and 3	Questions 6 and 7	Questions 6, 7 and 8

### Videos 30, 34, 35 and 39 Calculating missing angles

Green	Amber	Red
Textbook exercise	Textbook exercise	Textbook exercise
Q2 a and b	Q2 h and i	Q4 a-f
Q3 a and b	Q3 h and i	Q5 j-r
Q4 a and b	Q4 h and i	
Q5 a-f	Q5 a-f	