



Tenbury High Ormiston Academy Maths Department

Stage 8 Home Learning project Spring term 2

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.

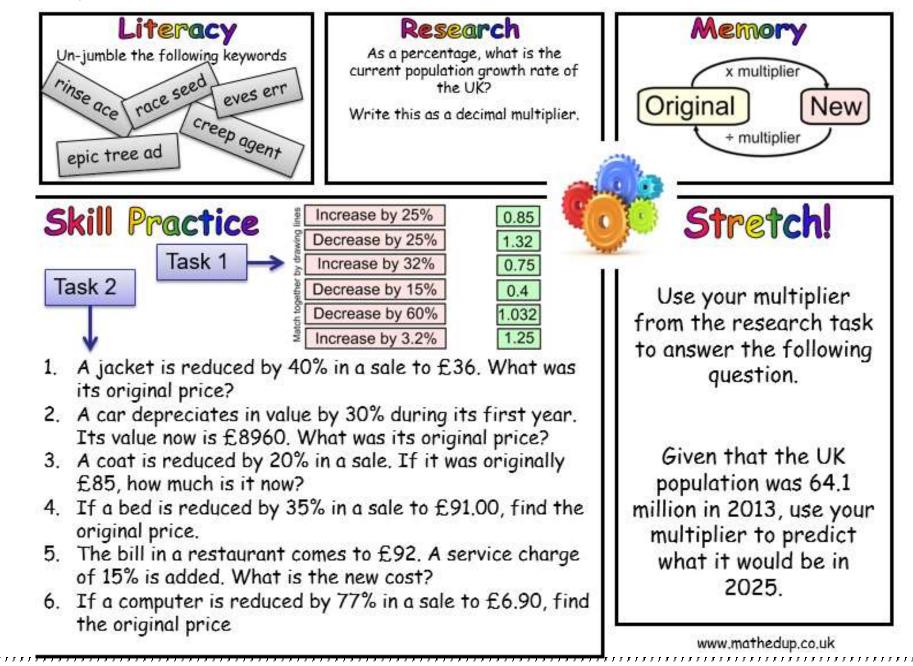
For assessment criteria please see the school websites new homework page. All tasks should be completed in your maths homework book.

Task 1: Mathematical definitions

Write a definition for each of the following terms and give an example where possible.

Proportional reasoning	Calculating fractions, decimals and percentages
Ratio	Proper fraction
Proportional	Improper fraction
Multiplier	Mixed number
Speed	Simplify, cancel, lowest terms
Unitary method	Percentage change
Units	Original amount
Compound unit	Simple interest

TASK 2: Complete each of the tasks below.



Task 3: 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>

Green	Amber	Red	Killer
Textbook exercise	Textbook exercise	Textbook exercise	Textbook exercise
Workout questions:	Workout questions:	Workout questions:	Workout questions:
Q1 (a-d)	Q2 (a-d)	Q3 (a-d)	Q4 (a-d)
Q5 (a-d)	Q6 (a-d)	Q7 (a-d)	Q10 (g-j)
Q9 (a-d)	Q 10 (a-d)	Q 10 (e-h)	Q11a, Q12a, Q13a, Q14a
Apply questions: 1-4	Apply questions: 5-8	Apply questions: 9-12	Apply questions: 13-16