Year 6 Homework, Spring Term Week 6

Maths: Super Six

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1) One book costs £2.98. How much do 4 books cost?
2) Divide 37.9 by ten.
3) Round 38.86 to one decimal place.
4) Which is bigger: 0.6 or 0.58?
5) What temperature is twenty degrees lower than nine degrees Celsius?
6) Work out: $5 \times \frac{3}{4}$

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1) What is the difference between 164 and 220.
2) Work out the area of a triangle of base 8.5m and height 3m.
3) Two angles in a triangle add up to 138 degrees. What is the size of the third angle?
4) Find the nth term of this sequence
    8   12   16   20 24 ...
5) Solve: 2x + 3 = - 1
6) What fraction of £3.00 is fifty pence?

Research project: this information will be used to inform their writing over the next term

You can present what you find out in any way you like but there are a few key facts that you will need to ensure you find the answers to!

1) Find out about the timeline of the life of the Titanic – for instance - the date she set sail, where from, when she first got into difficulty, the time she sank.
2) Find out 5 interesting facts about the building of the Titanic. How long was she? What was her top speed? How many decks did she have? etc.
3) Find out about some of the facilities that she had on board. See if you can find out some of the differences between the different classes.
4) **Research one passenger who was on board.** Make sure you know: their name; which class their ticket was; whether or not they survived and anything else you can about them. (This should not be a crew member.)
5) Watch what you can about it but make sure you have checked this with your parents / carers as some of the films are very sad and may contain images that are upsetting. This was a tragedy with a large loss of life so it is a serious topic.

Spellings

Support	Core	Extension
hopeful	silently	Basic
wishful	quickly	Critic
beautiful	education	Electric
quickly	demonstration	Panic
jokingly	suspicion	Tactics
speedily	suspense	Tonic
active	suspension	Tragic
relative	biology	Magic
massive	geology	Comic
narrative	zoology	Classic
grow	transfer	
window	transaction	Please complete 3 sentences using vocabulary from the Words to sharpen your expression list [(click on this link).](click)
ever	cyclone	
every	cylinder	
pressure	girl	
island	which	
	televise	
	telecommunication	
	appreciate	
	immediate	

Maths Extension:

One bonus house point available

Here are five number cards.

2010A KS2

$\frac{1}{2}$ $1\frac{1}{2}$ 2 $2\frac{1}{2}$ $3\frac{1}{2}$

Use **three** of the number cards to make this calculation correct.

$$\left(\boxed{} + \boxed{} \right) \times \boxed{} = 10$$