Homework 28th November 2019 Blue Class Year 4 to do before Wednesday

English: Read at least 4 times this week and answer 5 questions from the dog bookmark about the part of the book you have read throughout the week.

Maths: We have been having great fun making patterns and investigating a range of times tables, including 11 and 12 x tables. Choose at least 4 questions to answer – don’t forget to write in a sentence or two to explain your reasoning.

1. David says, “Because 12 is even, every answer in the 12 times table will be even.” Is he right? Why?
2. Sarah says, “I know my 11 x table so I can work out 11 x 90 with no written method.” Is she right? Why?
3. Rory is buying 4 pizzas. They are £12 each. He wants to draw a representation to help him solve how much it will cost. What should he draw and what is the calculation?
4. What is wrong with this sequence?

11 21 33 44 54 60 77 88 99 100

What do you need to remember about numbers in the 11 x table?

1. “I know that 100 is not divisible by 11” How can I find out?
2. Make up your own division word problem about the 12 times table and solve it.
3. If I know 10 x 8 = 80, I know 12 x 8 is 80 and 16 more which is 96. Write 2 more calculations following this method.

Science: Find 5 electrical devices that use a switch. Choose one of them and explain what happens when the switch is flicked on, and what happens when the switch is off. Write a paragraph explaining what happens to the electricity in the circuit.

Challenge: Have a go at drawing a circuit diagram as well as a written explanation.