EATON PRIMARY

You **must** choose 3 maths and 3 topic homework assignments to complete in your homework log book. Homework should be brought in on Thursday 22 October. If you want to do extra – that's great!

Maths Choose 3 to complete	Topic Choose 3 to complete
Number and Place Value **Magic Vs** Place each of the numbers 1 to 5 in the V shape below so that the two arms of the V have the same total. How many different possibilities are there? What do you notice about all the solutions you find? Can you explain what you see? Can you convince someone that you have all the solutions? What happens if we use the numbers from 2 to 6? From 12 to 16? From 37 to 41? From 103 to 107? What can you discover about a V that has arms of length 4 using the numbers 1−7?	**Science** Part A: Research the life of **Mary Anning**. Create a **presentation** about her life. Explain why she is an important scientist and how her work links to Charles Darwin's work on Evolution. and/or Part B Find out **how fossils are formed**. Create **illustrated diagram/s** to explain how different types of fossils are formed. Ensure your diagrams are labelled clearly. *Google search: 'How fossils are formed KS2'*
Calculations **SET A** $24 \times 6 =$ 10% of $520 =$ $456 - 203 =$ $\frac{1}{4} + \frac{3}{4} =$ $2/3 + 4/6 =$ $4 \times 5 =$ $40 \times 5 =$ $0.4 \times 5 =$ $5 - 7 =$ $10 - 20 =$ $32 \times 10 =$ $46 \times 100 =$ $1.2 \times 100 =$ OR **SET B** $23 \times 42 =$ 22% of $5000 =$ $45.03 - 7.123 =$ $2/3 + 3/4 =$ $1\frac{1}{2} \times 38$ $4/5 \div 3 =$ $0.4 \times 0.006 =$ $70 \times 0.5 =$ $30 \times 600 =$ $3 - 1.12 =$ $14 - 3.5$ $92 - 23.6 =$ $0.1 \times 10 =$ $3.2 \times 10,000$ $0.54 \div 0.01 =$	**Design Technology** **Design a robot** adapted to work in a school: - Consider the environment it will work in e.g. office/classroom/playground etc. - Decide what jobs it will need to do - Design the robot with characteristics adapted to the jobs it needs to do. *Extension* - Make a model of your robot if you can!
Time **5 on the Clock** **8:58** digital clock	**Art** Create a **portrait** of either Charles Darwin or Mary Anning. You could use: - Pencil

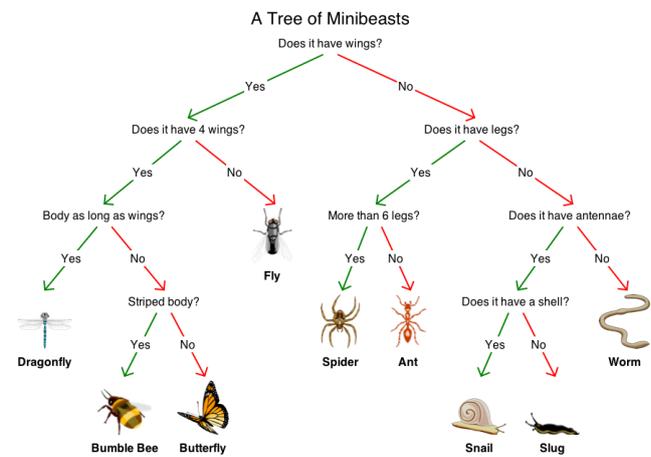|	
On a digital clock showing 24-hour time, over a whole day, how many times does a 5 appear? Is it the same number for a 12-hour clock over a whole day?	- Paint - Collage - Pastels - Charcoal - Other Consider how to communicate your impression of them through how you choose to present them in your portrait.
Measures **How Tall?** Here is part of the conversation between a group of children as they discuss a tall tree nearby: "I wonder how tall it is?" says Linus. "I think we could find out ," replies Raj. "It could be difficult as it's very high," says Toby. I wonder how they each went about finding out the height of the tree? I wonder how YOU would find out how tall a large tree in your surroundings is?	**Computing** Create a **branching database** to help someone sort and identify 10 mammals or 10 reptiles. Use the example below to help you create your own. A Tree of Minibeasts

Reading
Please read your home-reading book at least 3 times a week, either with an adult or by yourself – don't forget to keep a note of how much you read in your home-reading record book.