

Number Hangman

- Play this game with someone at home. Write down five numbers which all have something in common (e.g. all can be divided by 2, all are square numbers etc.) but don't tell your opponent what the rule is. For each guess they get wrong, draw part of the hangman. Once they have guessed correctly or run out of guesses, swap over!

Day Out!

- Plan a day trip out for you and a friend in Scotland. You can choose where you are going to visit. You have to plan for transport costs, entrance costs and food and snacks for your outing. You have a budget of £50 for your day. Make sure you don't go over the budget!

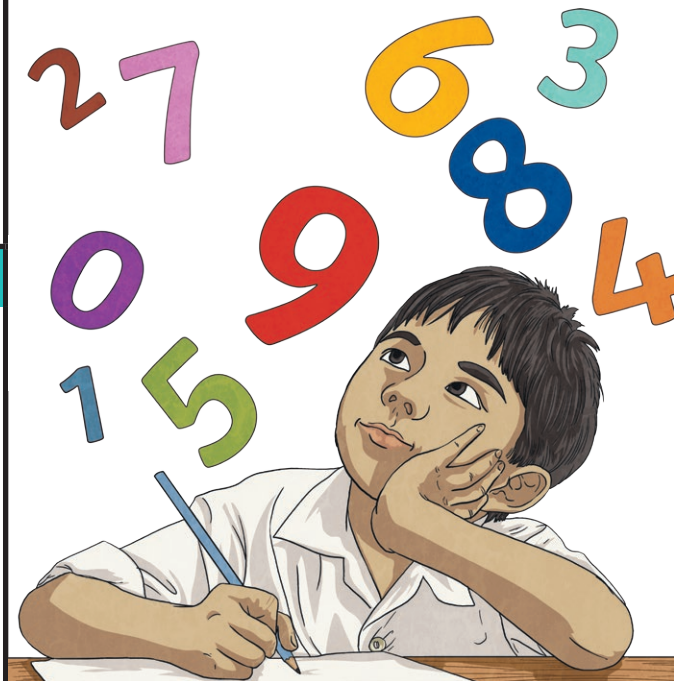
Scale Drawing

- Measure the length and breadth of one of the rooms in your house. Make sure you take a note of the measurements. Round the lengths and breadths of the room to the nearest half metre (50cm), then draw a plan of the room with a scale of 1m = 10cm. Then choose your own scale and redraw the room using that scale.

Get Measuring!

- Measure the height of all of your family members. Convert your measurements to two alternatives e.g. metres into centimetres, then into millimetres. Put them in order from shortest to tallest. Work out the difference between the tallest member of your family and the shortest.

Homework Choice Grid Maths Week



What's the Chance of That?

- Get two bowls and a total of 8 objects in a variety of colours. These could be wrapped sweets, marbles, counters, pencils: anything you have in your house. Divide the objects equally between the bowls. Work out all of the possible colour combinations you can have when choosing one item from the first bowl and one item from the second bowl. Record your answer. Can you then calculate the probability of getting one of the combinations in a fraction?

Data Handling

- Create a questionnaire and gather data about your family's perfect holiday. Consider where they would like to go on holiday, how they might like to get there and what sorts of activities they might like to do. Present your findings in a graph form.

Create a New Cereal!

- Design a net which will hold a new brand of cereal. You want it to stand out on the shelf in the supermarket so think about the shape you are going to make.
- Once you have made your net, think about a brand name, design a logo for it and use it on the front of your cereal box.