Time

Go outside and be creative to create analogue and digital clocks. With a partner, ask one another different times to show on your clocks. For a challenge you can convert from 12 hour clock to 24 hour notation OR quiz your partner on different time zones around the world!

Create a new sauce

Design a net for a shape that will be the package for a new product. The new product is a type of sauce to be used when cooking. It comes in the shape of a tin but, for its launch, you have been asked to design a new box that the tin will fit into. Make sure the net of the shape has a clear outline so that it can be copied and manufactured. You could create the new logo, name and design of the sauce product as well!

Petrol consumption

Find out how much petrol your family's car consumes over the course of 1 week! Make a plan, could we reduce this on week 2?

Zoo- Part 2

After you have created your design, you must then create a **timetable** for visitors to see all of your animals.

Rules

- The zoo is open from 9:00am to 5:30pm.
- You must have every enclosure open for at least 1 hour a day.
- Think about the time it will take to walk to each enclosure
- Is there a gift shop?

Zoo- Part 1

You have been hired to design a new zoo for Edinburgh. You will design using your knowledge of perimeter and time.
Here is what you need to include:
Elephants – a rectangular enclosure 10cm X 5cm
Lions – a rectangular enclosure 9cm X 6cm
Giraffes – a square enclosure 8cm X 8cm
Tigers – a square enclosure 8cm X 8cm
Gorillas – a triangle enclosure 10cm X 10cm X 10 cm

2. Work out the total **perimeter** of all your enclosures

3. Work out the **area** for each of your enclosures.

4. Can you create some other enclosures of your own?

Numeracy Home Learning Challenges

Name: _____(5)

Class: _____

Magic Squares

In a magic square rows, columns and diagonals all have the same total.

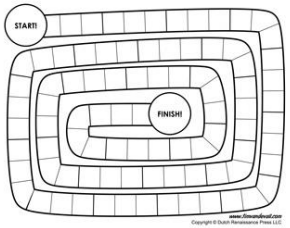
All the rows, columns and diagonals in this magic square add up to 15. Try it!

8		
	5	7

Can you create your own?

Create a board game to play with family

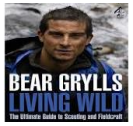
- For four operations (addition, subtraction, multiplication and division)
- Create board
- Instructions
- Question cards
- What to use for counters



Other Curricular Area Challenges

Problem Solving

List and explain a range of useful survival skills.



Design

Design a new spaceship or create the latest 'on trend' outfit for a fashion conscious astronaut.

Outdoor learning

Go bird watching with a pair of binoculars. Identify and record the birds you see.