- Bees have 5 eyes. There are 3 small eyes on the top of a bee's head and 2 larger ones in front.
- Beaver's teeth never stop growing.
- A pineapple isn't a single fruit-it's a group of berries that have been fused together.

ENGLISH

1. Remind yourself: what are nouns, adjectives, verbs and suffixes?

This information will help with the spelling we are going to be looking at this week.

2. The Discovery

The children disembarked the bus, and stood huddled together on the road. It was a cold, foggy day, and so the children, wrapped up in coats and scarves, shivered as they waited.

Their teacher beckoned them closer, and as one they edged cautiously towards the skeleton. What was supposed to be a boring school trip had just got a whole lot more exciting! Were they on the verge of making a terrific discovery?
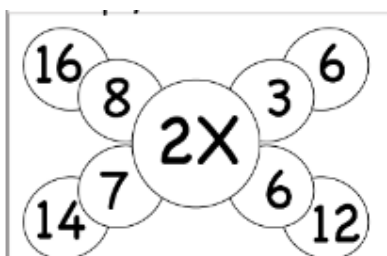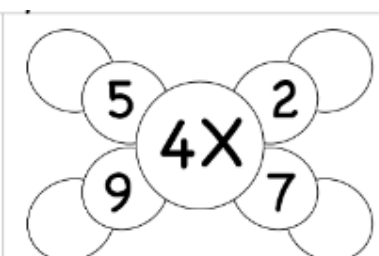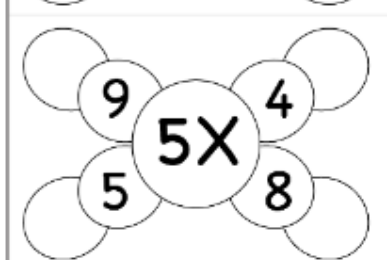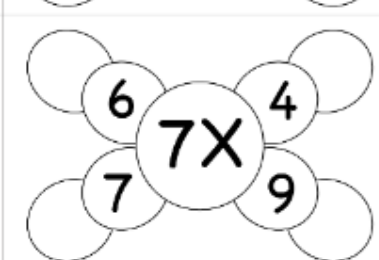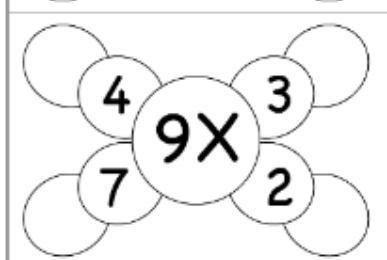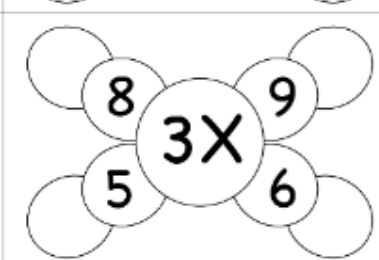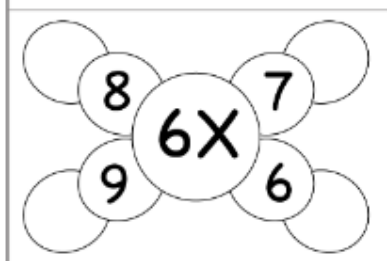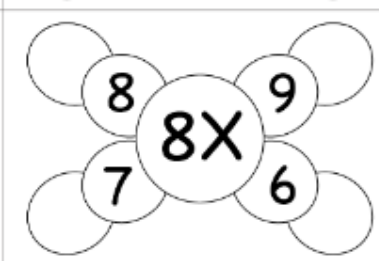
Now ask yourself or, if you can, discuss the following questions with someone in your family:

- ❖ What school trip were the children supposed to be on, do you think?
- ❖ What have they discovered?
- ❖ How did the skeleton get there?
- ❖ What animal is it?
- ❖ What will the children and their teacher do next?
- ❖ Have you ever made a discovery?

Your task: You can choose to either write about this discovery **OR** a discovery you have made. Try to use a wide range of punctuation in your writing (think about the punctuation we have practised using in our home learning tasks) and remember to check your writing for any spelling, punctuation or grammar errors. You may wish to type your writing about the discovery or handwrite it – please make sure your writing is neat and legible!

MATHS

1. Multiply the numbers by the centre number.

2. Login into Espresso (the user name and password is on the password sheet we gave you before lockdown). In the search bar, type: measuring angles in degrees and select the first item in the list: Measuring angles. Watch the video to learn how angles are measured in degrees and the names of different types of angles, including reflex angles. Now complete the following:
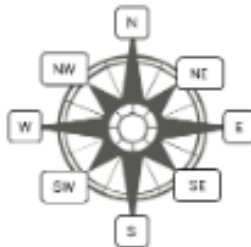
Use the sentence stems to describe the turns made by the minute hand. Compare the turns to a right angle.

The turn from 12 to 4 is larger than a right angle. It is an obtuse angle.

The turn from ___ to ___ is _____ than a right angle. It is an _____ angle.

Use the compass to complete the table.

Turn	Degrees	Type of angle	Fraction of a turn
North-East to South-East Clockwise	90°	Right angle	$\frac{1}{4}$ of a turn
North-West to North-West Clockwise			
South-West to South-East Anti-clockwise			
South-West to _____ Clockwise	180°		
North-East to East Clockwise			$\frac{1}{8}$ of a turn

Always, sometimes or never true?

- If I turn from North-East to North-West, I have turned 90˚.
- If I turn from East to North-West, I will have turned through an obtuse angle.
- If I turn from South-West to South, my turn will be larger than 350˚.

Science: Humans and their life cycle

Watch this: https://www.bbc.co.uk/bitesize/topics/zgssgk7/articles/z2msv4j

Today we are going to look at an aspect of the human life-cycle called **gestation**

Nearly all mammals are **viviparous** – this means they give birth to **live young**, rather than laying eggs. The time between **fertilisation** of the **egg cell** by the **sperm cell** and the birth of the offspring (baby) is called the **gestation period**.

During the gestation period, the offspring develops inside the mother's **womb**. It starts off as a **zygote** (a single cell made from the union of a female egg cell and a male sperm cell) and then develops into an **embryo** composed of many cells. As time goes on, the embryo becomes a **foetus**, with more recognisable features such as skin, bones, blood and organs. The fully developed **baby** exits the mother's body at the end of the gestation period. Gestation periods are different for different mammals.

Task: 1) Copy the table below. Then fill in the empty column by using your excellent maths skills to **round** the gestation period of each animal to the ***nearest 10 days.***
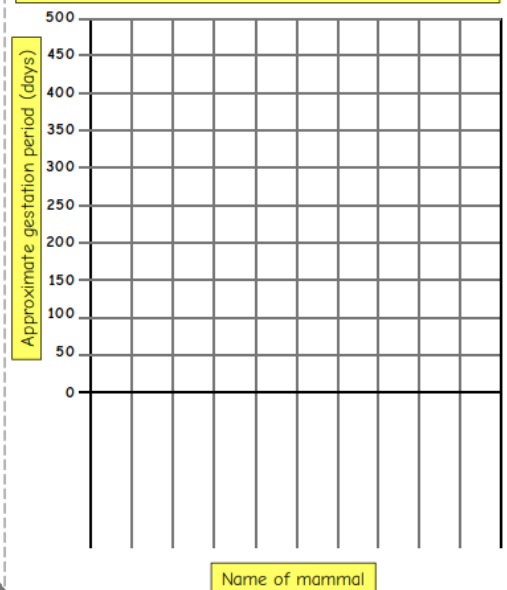
Table showing the gestation periods of different mammals		
Name of animal	Gestation period (days)	Approximate gestation period (days)
Cat	63	
Dog	63	
Elephant	624	
Hippopotamus	240	
Horse	336	
Human	275	
Pig	115	
Rabbit	31	
Rat	21	
Whale	446	

Just in case you've forgotten how to **round**:
https://www.bbc.co.uk/bitesize/topics/zh8dmp3/articles/zpx2qty

Bar chart showing the approximate gestation periods of different mammals

Approximate gestation period (days)

500
450
400
350
300
250
200
150
100
50
0

Name of mammal

2) Now neatly draw a bar chart (see above) and add the rounded gestation periods to your chart.

3) Do you notice any patterns? Which animal has the longest gestation period? Why do you think this is?