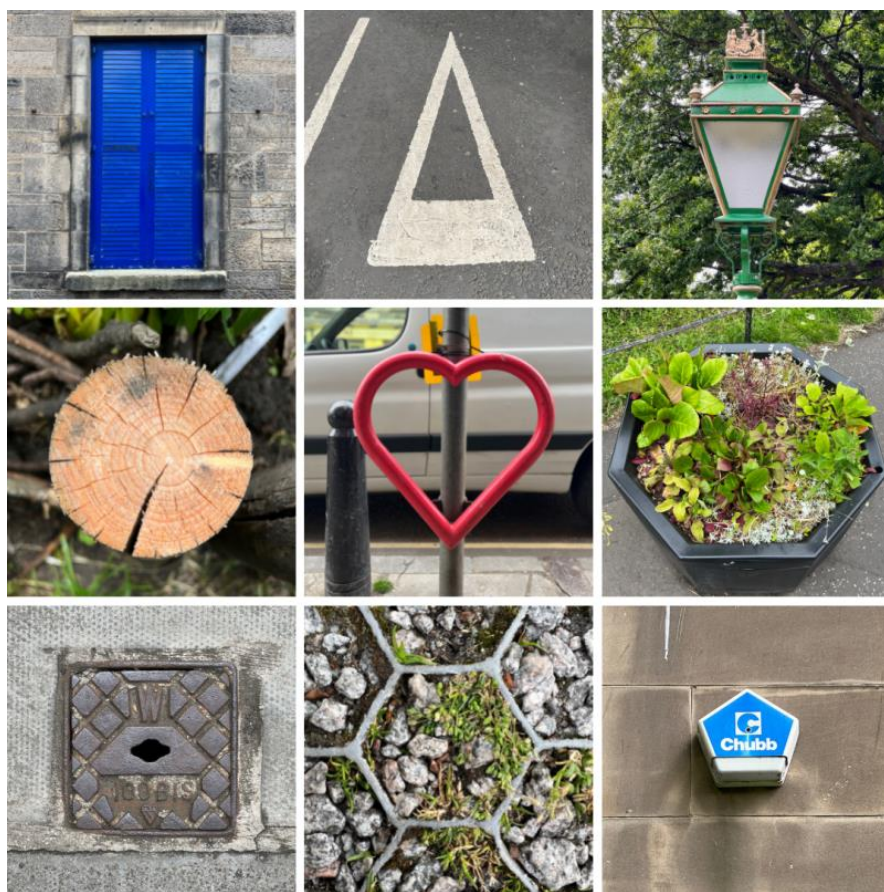
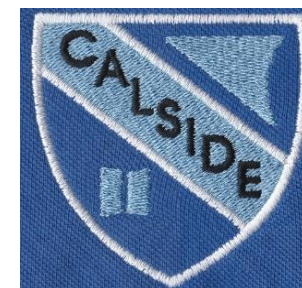


Maths Week Scotland - Monday 25th September 2023

To celebrate join us doing an activity a day. You can find some ideas for today below. Please share your experiences with us via email: gw14douglasfiona@ea.dumgal.sch.uk



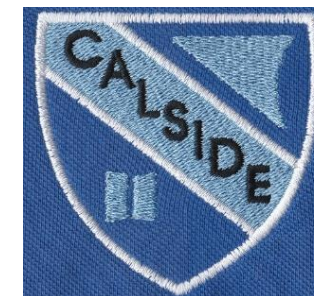
Shape Hunt. Head outside for a walk around your local neighbourhood to see what shapes you can discover. Some will be easier to spot than others. In the countryside, look out for leaves or petals of plants, details of buildings or fences, and way markers. You can find a lot of different shapes hidden among traffic and street signs, road markings, or architectural features.

Build your own balance scale. Find a coat hanger, plastic ones work best. Tie a piece of string around each end of the hanger. The string needs to be the same length on each side. Attach a cup or a bucket to the end of each piece of string. Hang your balance up and you can now use it to compare the weight of lots of different things in your house. **STEM#ScienceFromHome**



Maths Week Scotland – Tuesday 26th September 2023

To celebrate join us doing an activity a day. You can find some ideas for today below. Please share your experiences with us via email: gw14douglasfiona@ea.dumgal.sch.uk



Stick Sorting

Go for a walk in a nearby park, or head for your garden if you have one, and collect 5-10 sticks. Now sort them in order of length.

If you have a stream or river near you, you can race your sticks down flowing water with a friend. Start at the same time and choose a marker for a ‘finish line’. Estimate whose stick will win, based on weight and dimensions of your sticks.

Fun with flight

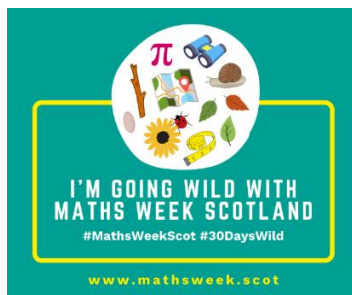
Design and make a paper aeroplane that will travel the furthest. Does changing your design make it go further?

STEM#ScienceFromHome

**SCIENCE
MUSEUM
GROUP**

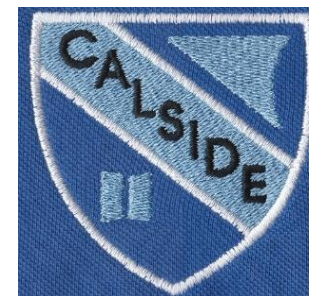


	Age	7-11	Topic	FORCES	⌚ 30 MIN
	Skills used	CREATIVE PROBLEM-SOLVING • CURIOSITY			



Maths Week Scotland – Wednesday 27th September 2023

To celebrate join us doing an activity a day. You can find some ideas for today below. Please share your experiences with us via email: gw14douglasfiona@ea.dumgal.sch.uk



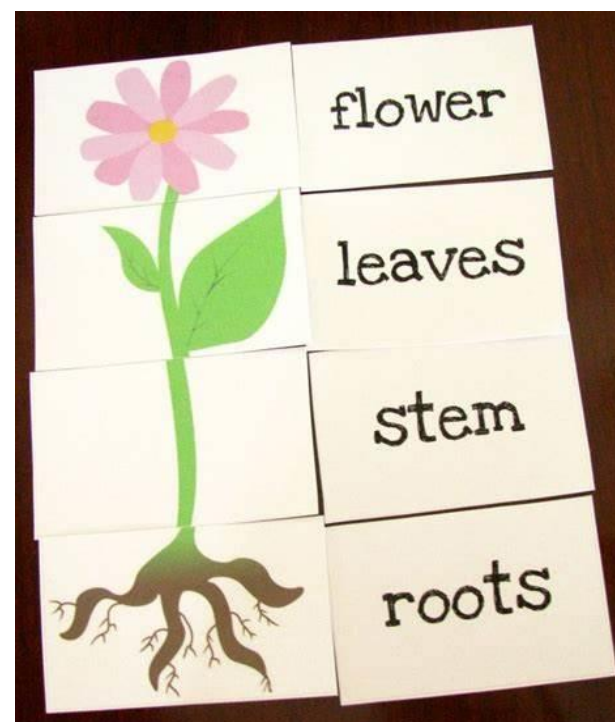
Making Potions

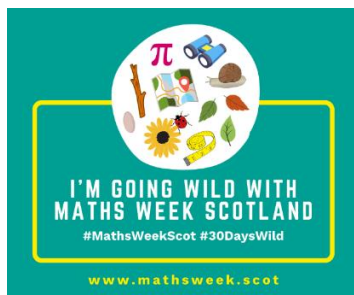
Making potions is a fun activity involving counting and measuring. Children can use containers, measuring cups or weighing scales to measure the weight and volume of 'ingredients' such as petals, leaves, pebbles, seeds etc. Mix them together with some water to create a 'potion'. Can they follow a recipe? Can they create their own recipe?

Parts of a flower

Ask your parents or carers if you can take a flower from the garden. Carefully dissect it. Can you name the different parts? Do you know what they do?

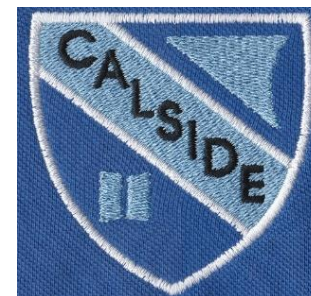
STEM#ScienceFromHome





Maths Week Scotland – Thursday 28th September 2023

To celebrate join us doing an activity a day. You can find some ideas for today below. Please share your experiences with us via email: gw14douglasfiona@ea.dumgal.sch.uk



How many legs?

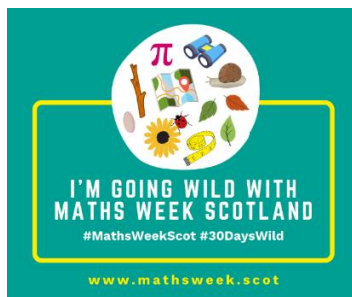
Head out to look for mini beasts together, such as earthworms, slugs and snails, slaters, beetles, spiders or caterpillars. Keep a tally of how many of each you spot. This is a great exercise to introduce children to collecting and sorting data.

How many creatures can you spot with 2 legs, 4 legs, 6 legs, or 8 legs? Can you find any with more than 8 legs? Or no legs at all? Keep a tally of how many creatures you spot for each number of legs, then work out how many legs you've spotted in total.

Floating and Sinking

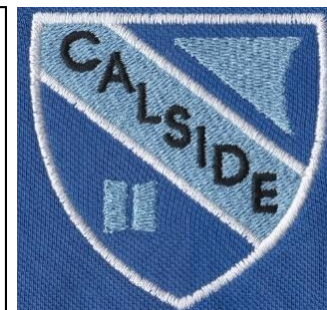
What can you find in your house that sinks in the bath? Are there things that float? What do you notice? Can you sort them. **STEM#ScienceFromHome**





Maths Week Scotland – Friday 29th September 2023

To celebrate join us doing an activity a day. You can find some ideas for today below. Please share your experiences with us via email: gw14douglassfiona@ea.dumgal.sch.uk



Nature Art

Collect natural materials such as leaves, pinecones, acorns, pebbles, sticks or feathers to create artworks. Include a mathematical twist by incorporating repeating patterns or lines of symmetry.

Fantastic fruits

Collect a selection of fruits. Are they all the same? Do you know what they look like inside? Look inside—what patterns do you notice?

STEM #ScienceFromHome

