



# Investigators – KS1



## Pick your favourite number

What can you find out about it? Can you make any number sentences that equal it? Is it the number of a sports team? Can you find it in your house or on a walk? How long does it take you to do star jumps of your chosen number?

## Investigate your family!

How tall is everyone? Can you put them in order? Do you all have the same colour eyes and hair? What are some of your favourite things? Think about how you will record your findings, you might draw a picture, write a list, create a graph or even make a little book!

## Look for a variety of flowers and leaves

What can you find that is the same or different about them? Number of petals, colours, parts etc. Make a painting of a meadow with all the flowers you have spotted. Can you press the flowers that you collect?

## Vallis Challenge

How many words can you make using the letters in 'Vallis Investigates'? Who can find the most words in your family? What is the longest word you can make? Tell us how many you can find on Virtual Vallis. You can only use the number of letters there are within a word (e.g it can only have 2 e's!)

## Moving parts!

Look closely at your bike, scooter or a toy that moves. Can you find out how parts of it work? What are the different parts made of? What makes the wheels go around? Can you use what you find out to help you make a model of it that moves?

## Investigate smells!

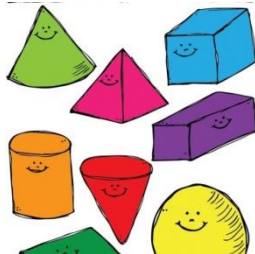
Collect a variety of foods, herbs, spices, soaps, drinks etc and smell them. What wonderful words can you use to describe how each one smells? Does it remind you of something? How does it make you feel? You could put on a blindfold and see how many you can identify from their smell! You could even do the same with taste (but maybe leave out the soap!).

## Freezing and Melting

Make 3 ice cubes of the same size and put them in different places in your home. Which do you think will melt the quickest? Can you measure how long it takes each one to melt?

## Be a shape investigator

Look in your kitchen cupboards or around your home and garden. What 3D shapes can you find?



## Investigate your feelings.

How are you feeling at the moment? You could draw a picture to reflect this or keep a diary. How many different feelings do you have each day? What makes your feelings change?

