



# Science Newsletter



**This term we are learning about:**

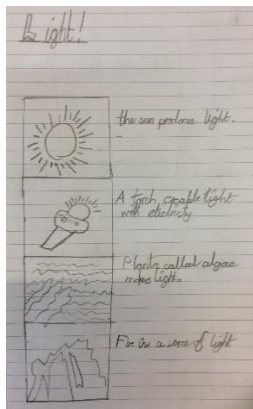
Year 3 - Light & Animals including humans (skeletons & nutrition)

Year 4 - Electricity & Animals including humans (digestion & teeth)

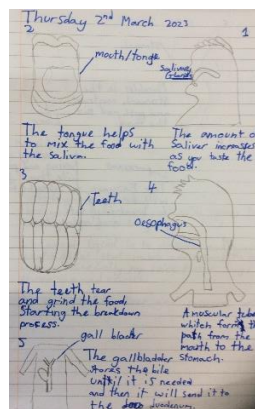
Year 5 - Forces & Earth and Space

Year 6 - Light & Electricity

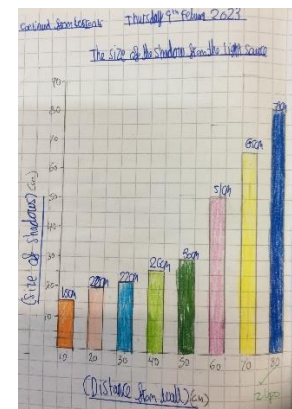
Here are some examples of the work completed linked to some of these topics:



Year 3



Year 4



Year 6

## Did you know?

The human brain is over three times as big as the brain of other mammals that are of similar body size.



Year 5

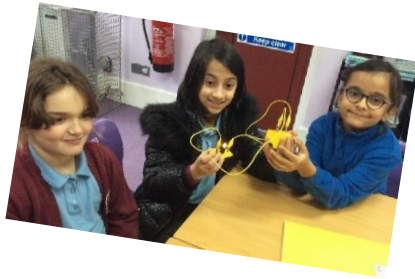
## Fascinating Fact:

It takes 23 hours, 56 minutes and 4 seconds for the Earth to rotate once on its axis.

**Something for you to think about and discuss at home:**

What if everyone on the Earth jumped at the same time...

## What's been going on in science at IVJS?



### Science At Home!

## COLOURFUL SKITTLES

You'll need

Skittles  
White plate  
Warm water



### Instructions

Place the skittles around the edge of the plate.

Carefully pour warm water over the top.

Watch as the colours spread through the water!

### What's happening?

Skittles are coated in food colouring and sugar. When you pour water over the skittles the coloured coating dissolves and diffuses through the water.

Now try with cold water. What happens?



Science Sparks™  
Adult supervision required. You are responsible for your own safety.  
www.sciencesparks.com

### Science as a career!

Ever thought about a career in science? There are lots of jobs in science; this is just one example:



Dr Jo Montgomery  
Animal Behavioural  
Neuroscientist

### What do I do as an animal behavioural neuroscientist?

I study animals and link their behaviour (what they are doing) with what's going on inside their bodies and their brains.

**If you want to be an animal behavioural neuroscientist, you need to:**

- be curious about the world around you.
- be interested in how things work.
- enjoy working with animals.
- have good problem-solving skills to work out what's going on and how it might fit into a bigger picture.

### What's on?

**Your Amazing Brain!** Exhibition runs until 15<sup>th</sup> April 2023

Discover Bucks Museum, Church Street, Aylesbury HP20 2QP.

Discover how your amazing brain works in this exciting hands-on exhibition. Mind-baffling fun for all ages. From emotions to our senses, you will find out how your brain interprets what it sees, hears, smells, and feels. This family-friendly exhibition will take you on a journey inside your brain, to find out just what makes you, you!

For tickets, visit: <https://discoverbucksmuseum.digitickets.co.uk/event-tickets/39813?catID=43547&>