

WORKING SCIENTIFICALLY DAYS

Every term at St. Charles we devote a day to developing our WORKING SCIENTIFICALLY skills. We have a day of science – working on a challenge or two, the way scientists do: measuring, timing, observing, recording etc. So far we have had a BIOLOGY day in the Autumn Term and CHEMISTRY day in the Spring Term. We are looking forward to our PHYSICS day in the Summer Term.



BIOLOGY DAY

- Today's big question...
- *Which step is fastest?*
- **Skip, run, gallop, hop**



KS1

Fair and Comparative testing



Exploring/
Problem Solving



1

To perform a simple **experiment**.



2

To use your **observations** and **ideas** to answer questions.



3

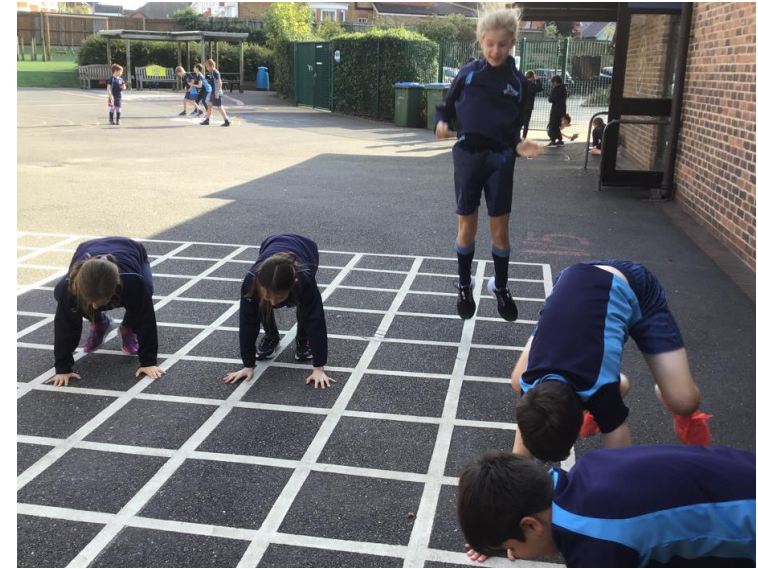
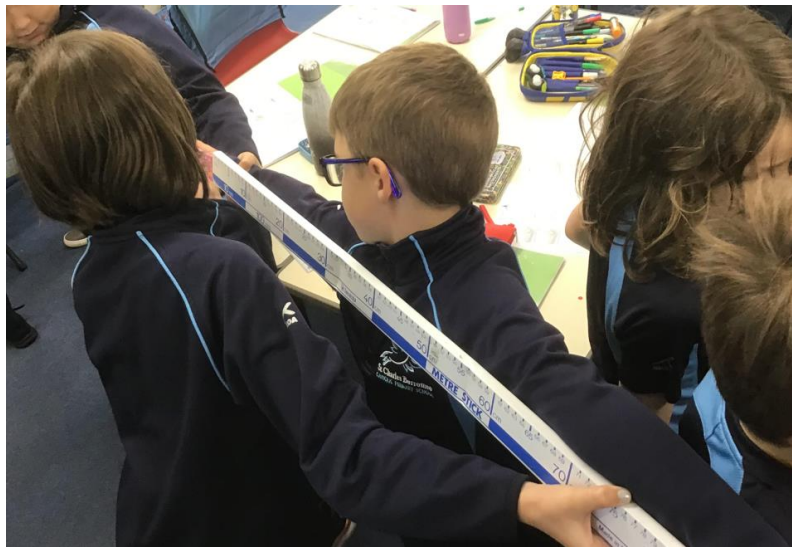
To **gather** and **record data** to help answer questions.



LK2

- Today's big question...
- **Do the people with the longest legs jump the furthest?**
- What type(s) of enquiry are we going to do to answer this question?

Observing over time	Identifying and classifying	Research	Fair and Comparative testing	Pattern seeking	Exploring/ Problem Solving
					









BIOLOGY DAY 12th October



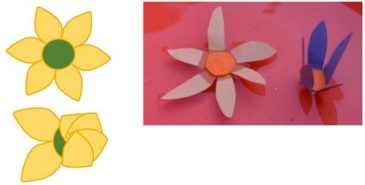
UK2

- Today's big questions...
- **How does my body change with exercise?**
- How do different activities affect my heart rate and why?
 - Sports/different types of exercise
 - Relaxation activities (calming music, mindfulness colouring, reading)
- Do different types of food/drink affect your pulse rate?
- **What type(s) of enquiry are we going to do to answer this question?**

Observing over time	Identifying and classifying	Research	Fair and Comparative testing	Pattern seeking	Exploring/ Problem Solving
					



- Make some paper flowers.
- What happens when you put them in water?



CHEMISTRY DAY

15th March 2022



- Today's big question...
- What happens to a liquid when you cool it down?

Observing over time

Exploring/
Problem Solving



- Today's big question...
- Which washing product is **most effective** at removing stains?
- What type of enquiry/enquiries will you do to answer this question?

Observing over time	Identifying and classifying	Research	Fair and Comparative testing	Pattern seeking	Exploring/ Problem Solving