We are scientists!

Fun science opportunities you can get involved with at home. We would love to see some photos of your work!





Send your photos or science work to: science@st-peterscofe.lancs.sch.uk



Lancashire Science Festival

Saturday 20th May 2023 (10am – 4pm) University of Cental Lancashire For children aged between 7 and 11.



Enjoy an unmissable programme of events, workshops and activities show casing the wonders of science, technology, engineering and maths.

Booking opens on 19th April - https://www.uclan.ac.uk/lancashire-science-festival/public-day



Science Selfie Competition

Science is all around you and part of everyday life. Take a selfie of you completing any of these science activities or any science at home to have the opportunity to win a prize!

Do you have a science kit or game?

Maybe you have seen something in the natural world that has you asking questions like a scientist.

Send your selfies to: science@stpeterscofe.lancs.sch.uk





The brief

Make a barometer and predict the weather.

The method

- 1. Cut the bottom half off the balloon.
- 2. Pull the top half of the balloon tight over the jam jar.
- Use the elastic band to keep the balloon tight over the jar.
- 4. Fix the straw to the centre of the balloon skin using a piece of sticky tape.
- Place the paper so that it is lined up against the straw. Draw a line at this position.
- Above the line write the word "high" and below the line write "low".
- Note down the pressures each day to see if you can notice a pattern between your air pressure readings and the weather outside.

Materials

A glass jar

A balloon

A rubber band

Scissor

(with adult supervision)

A straw

Sticky tape

Some paper A pen



WEATHER BALLOON

How does it work?

any changes to the air pressure outside the jar will result in direct movement of the balloon rubber. As the outside air pressure increases, the rubber will be forced down into the jar. The straw pivoting on the glass will rise upward. The opposite is true when the pressure decreases.



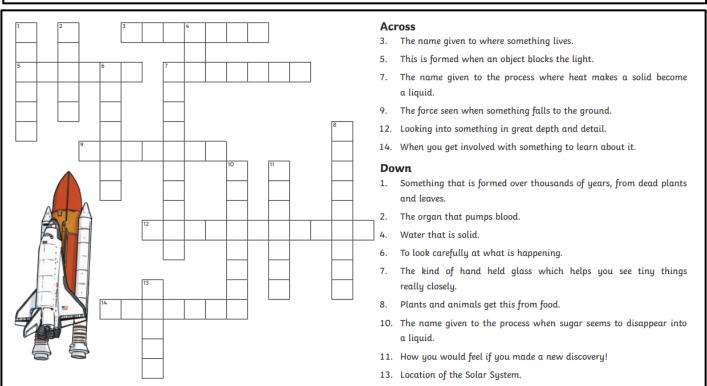


Design icons

are used by weather forecasters to help predict the weather.







For more fun science ideas visit https://www.stem.org.uk/home-learning/family-activities?gclid=EAIaIQobChMlxsaVu5qS-wIVF-3tCh3WMgfREAAYASAAEgKWR_D_BwE