

STEM Days 2023 – 2024

Autumn term – SCIENCE FOCUS

External workshop with 'Professor Brainstorm'

Magical Science Show – linked to materials and electricity

Mission to Mars – linked to space, conditions in space / on Mars, rockets and experimentation.

<http://www.profbrainstorm.co.uk/shows.html#magic>

Links to:

The science curriculum, working scientifically, materials and their properties, electricity, space
Character education – working in teams, respect, resilience and communication.

Spring term – MATERIALS FOCUS

Preparing for an expedition to the North Pole

Centre for Life workshops on extreme materials / being a scientist.

Links to:

Science work on materials, waterproofing, absorbency and insulation, reasoning and thinking scientifically
Design Technology on designing structures / items for a purpose
Learning theme: Ice explorers

Summer term – ENGINEERING / COMPUTING / BIOLOGY FOCUS

Robots and brains

Links to:

Science work on human body, the brain and biological networks
Design technology on creating working and linked moving objects /structures
Computing work on programming (in the context of a brain / a face etc) / networks