

Useful Links

BBC Bitesize

<https://www.bbc.co.uk/bitesize/subjects/z2pfb9q>

National Geographic

<https://www.natgeokids.com/uk/teacher-category/science/>

STEM

<https://www.stem.org.uk/home-learning>

5 science experiments you can do at home

<https://www.servicesforeducation.co.uk/>

Terminology

Scientific Enquiry: the process of asking about or investigating something in order to find out more about it.

Please see the science booklet, available on the schools website for the vocabulary specific to each year group and topic.

At Home

Here are a few opportunities exploring Science at home:

Nature walk diary: Explore, observe and document the natural world using all of the senses, and use the findings to write poems.

Sneeze zone: How far can a sneeze travel and how can we prevent others from getting ill? Learn about the spread of microbes and their potential to infect people and simulate the distance and impact of a sneeze by using water in a spray bottle .

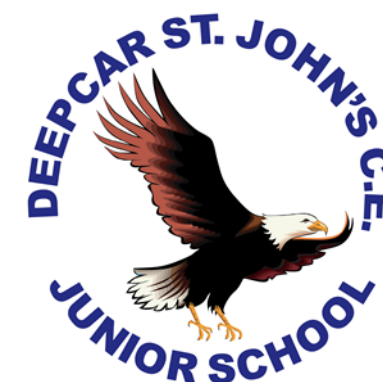
Garden bird watch: In Winter, take part in the national bird count and see how many different species of bird there are in your garden.

Slime: Make your own slime and discuss whether it is a solid, liquid or gas.

Contact

If you have any questions regarding the teaching of Science, please do not hesitate to contact your child's teacher or contact:

Mrs S Bell - Science



Science



An Information Booklet for Parents and Carers



"Teach a child in the way he should go, and when he is old he will not turn from it." Proverbs 22:6



Deepcar St. John's
C of E Junior School
where the individual matters

Science

Science is about exploring and understanding the world in which we live. We are passionate about fostering the inquisitive nature of children, and use this as a starting point for developing the acquisition of specific skills and knowledge to help them think scientifically. Through practical, hands-on experiences, we aim to engage and excite all children, as we know this is when quality learning takes place.

Children will become confident at raising questions and investigating these. They will develop their skills of working scientifically when planning and carrying out practical investigations.

Children will become confident at using an understanding scientific vocabulary and will demonstrate this in verbal and written explanations.

Our children will understand the importance of science, today and

Lower Key Stage 2

Y3

Amazing Bodies

(Understanding a healthy diet)

Rocks and Soils

(Understanding how different rocks are formed, their properties and uses)

Plants

(Understanding the parts of a plant and its life cycle)

Forces

(Understanding magnetism)

Light

(Understanding how we see)

Y4

Good Vibrations

(Understanding sound & hearing)

Who Am I?

(Exploring food chains & classification)

Human Impact

(Understanding Environmental Issues)

Where Does All The Food Go?

(Investigating healthy eating and teeth)

Switched On

(Understanding electrical circuits)

In a State

Investigating materials)

Upper Key Stage 2

Y5

Earth and Beyond

(Understanding Earth and space)

Feel the Force

(Understanding forces and movement)

All Change

Magical Mixtures

(All - investigating materials)

Circle of Life

(Understanding plants & investigating living things)

Reproduction in Plants

(Understanding plants)

Get sorted (separating materials)

Y6

Everything Changes

(Understand evolution and inheritance)

Body Systems

(Understanding humans - Healthy body - inc drugs and alcohol)

Nature's Library

(Understanding classification in plants and animals)

Body Pump

(Understanding humans - Circulatory systems in the body)

Forces

(Understand movement, forces & magnets)

Danger – Low Voltage

(Understand electrical circuits)

Light (Investigate light and seeing)