Science at Bridekirk Dovenby CE Primary School

Aim

At Bridekirk Dovenby we aim to make science practical and fun. We aim to deliver lessons filled with experiments, getting children involved in planning them, identifying variables, executing them with accuracy, reading the results and evaluating them. We believe that children learn best from doing real experiments and learning about science in the real world.

As teachers we are constantly working to ensure that activities and experiments deepen children's understanding of each scientific topic. We always research our lessons thoroughly to make sure we have the most up-to-date subject knowledge to pass on to our Little Scientists.

Science is a Core Subject in our Curriculum here at Bridekirk, and as with the rest of the Core Subjects, we differentiate our learning to ensure that learners of all abilities and those with SENDs can access science and learn wonderful new things.

Visitors

We look for opportunities to bring outside agencies into school as much as possible. We regularly have work with STEM to cover many areas of new technology such as robotics and coding. We have also had visits from geologists and zoologists!

After School Clubs

At Bridekirk we strive to continue our children's learning after the school day by supplying them with opportunities to take part in extra-curricular activities.

This year we have been able to off 2 science-based after-school activities:

STEM Lego League – for KS2 focusing on scientific concepts, Robotics and programming

Science Club – for EYFS and KS1; in our Science Club in Summer Term we explored numerous different scientific concepts in a fun and stimulating after school club. The club was so popular we had to expand the club as more children wanted to join!

Our Curriculum

Our science curriculum here at Bridekirk Dovenby School covers all aspects of the National Curriculum and more. We ensure that all of our children get a thorough knowledge of the following

Year Group	Curriculum Coverage
Year 1	Working Scientifically
	Plants
	Animals, including humans
	Everyday Materials
	Seasonal Changes
Year 2	Working Scientifically
	Living things and Habitats
	Plants
	Animals, including humans

	Uses if Everyday materials
Year 3	Working Scientifically
	Animals, including humans
	Rocks
	Light
	Forces and Magnets
	Plants
Year 4	Working Scientifically
	Living things and Habitats
	Animals, including humans
	States of Matter
	Sound
	Electricity
Year 5	Working Scientifically
	Living things and Habitats
	Animals, including humans
	Materials: Properties & Changes
	Earth and Space
	Forces
Year 6	Working Scientifically
	Living things and Habitats
	Animals, including humans
	Evolution and Inheritance
	Light
	Electricity