

Science

Science is usually taught discretely in school, but concepts can be approached through our Creative Curriculum topic areas, especially in the EYFS (through Knowledge and Understanding of the World) and KS1. We hope to engage and motivate the children in all aspects of science learning.

Science objectives from the National Curriculum are followed and are revisited throughout Years 1 and 2 to ensure they are revisited over the key stage. We have added additional topics in Physics to ensure the children are fully prepared for their learning in KS2.

In KS2, the children further develop their scientific knowledge in the areas of Biology, Chemistry and Physics ensuring that they have a good knowledge base for when it is time to go to high school.

The children are encouraged to “Work Scientifically” and carry out observations, investigations and research. We strive to develop a love of the subject and enhance our learning through real-life situations, trips and visits and the use of the outdoors, in particular our redeveloped School and Community garden.

Computing

As a school within the Bury Local Authority, we have decided to adopt the “Bury Primary Computing Solution” to ensure that the objectives from the National Curriculum are taught across our school.

Computing is taught discretely and applied across the curriculum. Discrete lessons are taught to ensure coverage, and then ICT is used across the curriculum as appropriate to develop these skills.

In EYFS the children begin to recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.

In KS1 and KS2 our Computing curriculum is split into 6 strands:

Digital Literacy: Text and Multimedia, Visual Media, Sounds, E-communication,
Information Technology: Searching and Sorting Information,
Computer Science: Giving Instructions and Making Things happen including coding and programming.

E-Safety is an important part of our computing teaching. The children in upper KS2 have a series of lessons specifically on this each year as well as when new developments occur. As a school we use Safer Internet Day to remind all the children, at an appropriate level, how important it is to keep themselves safe while using technology, whilst also celebrating what a wonderful tool it is as it permeates modern life.