



Science at Welburn CP School

Our intent for Science at Welburn Primary School is to develop children who:

- are curious about the world round them
- see science in the classroom, real life contexts and the wider world
- ask relevant questions
- have an enthusiasm for science
- want to develop a deeper understanding
- develop a balance of scientific knowledge and skills through a range of relevant activities

How we will implement this:

- be inclusive of all our pupils
- plan a broad science curriculum that makes connections to other learning
- explicitly teach scientific knowledge and skills as per the National Curriculum Programmes of Study
- give children hands on experiences
- allow children to give explanations to show and develop their understanding
- teach children different ways of recording
- refer to 'Expected and Beyond' documents to support assessment

The main EYFS curriculum Area of Learning is:

Understanding the World

ELG – The Natural World

We expect that children will:

- explore the natural world around them, making observations and drawing pictures of animals and plants
- know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class
- understand some important processes and changes in the natural world around them, including the seasons and changing states of matter

In addition we will:

- ensure teaching and learning is carried out safely
- develop group work (children may have specific roles)
- make use of ICT eg. Data loggers, tablets, cameras, microscopes
- have some formal written recording (use of individual books in Sycamore Class)

GUIDELINES

Long term planning is based on the National Curriculum as well as the North Yorkshire Science Topics.

A two-year rolling programme is followed in each class.

Medium term planning takes place each half term with reference to knowledge and skills.

Short term lesson plans will show differentiation and where relevant, make reference to the Science Enquiry objectives. We will make links to other curriculum subjects including maths and data handling. Assessment will be planned for as part of the teaching process.

Science Enquiry will be recorded on NYCC Pupil Progress Grids. Years 2 & 6 will have individual grids. Other years will have 1 grid per cohort.

Summative unit records will be completed at the end of a topic.

Labelled resource boxes are stored in the cupboard in Sycamore Class.

All teachers will be aware of the Be Safe booklet which lays out the minimum requirements for health and safety.

Equal opportunities will be given to all pupils.

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