www.emmausfederation.co.uk

Science Vision

At Emmaus Federation our vision is to give children a Science Curriculum which enables them to explore the world around them, confidently, so that they have a deeper understanding of the world we live in. To achieve this, we ensure we provide children with exciting, practical hands on experiences that encourage curiosity, questioning and science capital. We believe that these opportunities will ensure that our children are confident, life-long learners who will explore the world around them.

Aims

In line with the Science Programmes of Study KS1 and KS2 the school aims to ensure that all pupils:

- *Develop lively, enquiring minds and the ability to question.*
- *Learn scientific skills and knowledge to support their understanding of the ever-changing world.*
- *Build on their natural curiosity to enable them to understand and care for the world in which they live.*
- *Develop potential scientific skills to make links with other areas of the curriculum.*

Working scientifically requires:

- *Questioning*
- *Scientific enquiry – observing changes, finding patterns, grouping and classifying, fair testing and researching using secondary resources.*
- *Drawing conclusions based on data and observations.*
- *Using evidence to justify ideas.*
- *Using scientific knowledge and vocabulary to explain findings.*