



Science

Intent

At Kingskerswell C of E Primary School, our intention is to inspire children by giving them the opportunities to pursue their natural curiosity; promoting the experience of exploring and investigating scientific phenomena, in a range of contexts, to ensure a continually evolving knowledge and understanding of the world around them.

Implementation

- We have created a clear and comprehensive scheme of work in line with the National Curriculum that is stated on our curriculum map.
- Each unit has a knowledge organiser which outlines knowledge (including vocabulary) all children must master by the end of the unit.
- Children will access resources to acquire learning through equipment, digital technology, practical experiences and photographs.
- At the end of each unit, all children will be assessed using Headstart topic tests. Teachers are then expected to address any knowledge gaps or misconceptions.
- At the end of every year, children will be assessed using an overall assessment which covers all the unit topics taught that year. This will then aid future planning.
Trips and visits from experts who will enhance the learning experience;
- An Annual science week will promote a range of scientific enquiry skills and engage children in real-life context.

Impact

Our children will be encouraged to ask questions, take risks, experiment, reflect, make and learn from mistakes, in a safe environment; whereby they acquire and apply core skills which equip them for an ever-changing world.

- **Children will retain knowledge that is pertinent to Science with a real life context.**
- **Whole- school attitude that promotes a safe environment where children are comfortable to question ideas and reflect on knowledge.**
- **Children will be able to explain the process they have taken and be able to reason scientifically.**