

## Science at Bede Burn Primary



Exploring fruit using our senses

### What we believe....

*The teaching of science offers students the ability to access a wealth of knowledge and information which will contribute to an overall understanding of how and why things work like they do. Science is able to explain the mechanics and reasons behind the daily functioning of complex systems... Children and students are able to use this knowledge to understand new concepts, make well-informed decisions and pursue new interests. Science also helps to provide tactile or visible proof of many facts we read about in books or see on the television.*

Centre for Education in Science and Technology, 2008

This statement from the website of the Centre for Education in Science and Technology provides a concise and inspiring rationale for the teaching of Science in Bede Burn Primary School. Encouraging children's curiosity and giving them the tools and opportunity to explore is at the heart of our Science work.

### Cornerstones Curriculum - Science

To support the new and exciting 'Cornerstones' curriculum, we have taken on the 'Love to Investigate' Science units. Each unit is tailored to support each topic within the Cornerstones curriculum as well as covering the KS1 and 2 statutory requirements for Science.

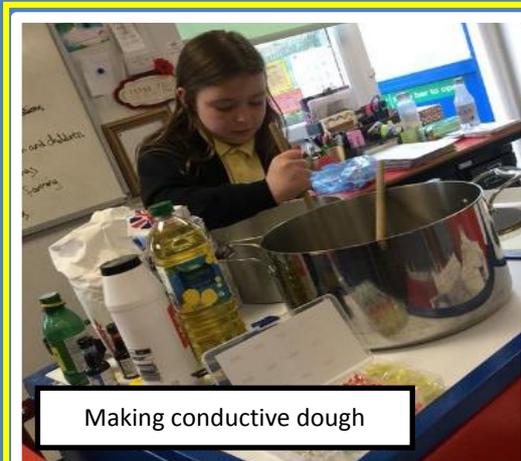
The 'Love to Investigate' units are specifically designed in order to develop children's investigative skills. They are also designed to get the children excited about science with a series of practical, exciting investigations. They cover tricky topics in new and unusual ways, including evolution, mechanisms and air resistance.

Every investigation develops key knowledge and is linked to assessment, covering specific programmes of study for 'working scientifically'.

#### OFSTED QUOTE

*You have recently implemented a curriculum where many subject disciplines are taught, linked to an imaginative, creative theme. This is inspiring interest and engagement in learning and pupils are now benefiting from a broad, balanced and imaginative curriculum.*

Taken from Ofsted report 2018



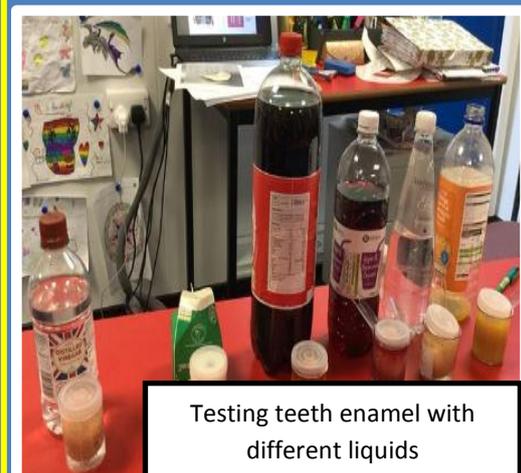
Making conductive dough



Science teaching in Key Stages 1 and 2 is based upon the National Curriculum Skills Programme. Where ever possible science objectives are included in our creative curriculum planning.

Click on the following to see how the Science curriculum is organised:

- [Science Curriculum Years 1 – 6](#)
- [An example of Love to Investigate investigation](#)



Testing teeth enamel with different liquids