**SUBJECT ON A PAGE**

**Science At Dogsthorpe Infants School, we believe that children should develop an understanding of key scientific concepts by accessing an exciting “hands on “approach to learning.**

**Intent – We aim to…-**

**Encourage children to ask questions and put into practise their ideas for furthering their understanding of scientific knowledge.**

**Ensure children understand the important role that science plays in the world we live in.**

**Teach the importance of collecting, presenting and analysing data to reach a conclusion.**

**Develop critical thinking skills by learning to listen to others and share ideas.**

**Provide an exciting Science curriculum that enables children to become enquiry- based learners with transferrable cross curricular skills beyond Science.**

**Implementation – How do we achieve our aims?**

**Wider curriculum and/or home learning**

On our Dojo learning platform details of Scientific enquiry are posted to support home learning. A Science club is held after school for KS1 children by the science lead. A Science day is held yearly. Special science days such as Atomic Tom are held for EYFS children.

**Organisation**

Science is taught in KS1 half termly, within blocks that are closely linked to Topic areas. The Science planning follows the programmes of study as detailed in the National curriculum. EYFS plans specific scientific experiments linked to topic areas and within continuous provision.

**Resources**

***(inc scheme)***

Resources used are of a practical nature whenever possible to allow for purposeful investigation through handling and researching a collection of real materials to solve real life situations.

**Impact – What will we see?**

Our exciting approach to the teaching of Science will result in an engaging, hands on quality science education. Children will be provided with the foundations to understand the world and the importance of scientific concepts and exploration within it. Children will demonstrate a love of science work and will retain scientific knowledge linked to real life contexts. Children will be confident to question ideas and reflect on knowledge and they will be able to articulate their understanding of scientific concepts using progressive, scientifically rich language. Children will be able to work collaboratively and practically to investigate and experiment. Children will achieve age-related expectations at the end of KS1 and within EYFS UTW ELGs.