



ST BARTHOLOMEW'S C of E PRIMARY SCHOOL

Science Policy

Principles

We believe that children should be taught scientific principles and knowledge through active and engaging enquiry lessons embedded within real life contexts. They should be given opportunities to develop their own learning by asking questions, designing their own investigations and following lines of enquiry. Evaluation of their own practice is used to fine tune and advance their enquiry skills. Science capital is developed by exposure to great scientists from the past as well as to the world of opportunities that comes with a career in science.

What we teach

We follow the National Curriculum 2014. The Collins Snappy Science scheme from Reception to Year 6 is available to support planning and teaching.

How we teach

We use a variety of teaching and learning styles in science lessons with a focus on child centered learning. We include all 5 enquiry types in teaching across the year: Observing over time; Identifying and classifying; Pattern seeking; Research and Comparative and fair testing. We encourage the children to ask, as well as answer, scientific questions. We provide a range of enrichment activities, through visits and first-hand experiences, to support the development of science capital within school. Cross-curricular learning supports the development of knowledge and skills that are honed and transferable.

How we assess

We use Sonar to monitor and track learning alongside teacher assessment.

How we monitor

Books are monitored informally by the science team and drop in sessions throughout the year. Children are spoken to about their learning.

Resources

Shared Science resources are kept in the Science cupboard, located in the KS2 cloakrooms. These resources are regularly audited. Resources for topics that are only taught in one year group are kept in the year group classrooms to use when appropriate.

Phase leaders are responsible for ordering consumable products but must seek permission from the MIST leader before submitting the order. Shared resources that can be re-used are ordered by the Science leader.

Health and Safety

This school's health & safety policy for teaching science and technology is contained within '*Be safe! Health and safety in primary school science and technology*' (4th edition, 2010, Association for Science Education) A copy of this policy, science health and safety policy and a selection of CLEAPPS health and safety guides will be kept in the staff room. Further health and safety guides can be found on the CLEAPPS website. Login details are displayed in the staff room. For further details on inclusion please see the following policies:

SEN

EAL

Inclusion

Signed by: _____
Head Teacher

Signed by: _____
Chair of Governors