

GILLAMOOR CE PRIMARY SCHOOL SCIENCE POLICY

Gillamoor School as a Church of England Foundation School has strong links with the local church. We are committed to maintaining a happy, secure and stimulating learning community in which children learn to live first and foremost as children rather than future adults. We expect all members of our school community to transmit Christian values and attitudes that foster self esteem and respect for others; and develop caring and enquiring minds.
"Small and Special"

Rationale

To develop in pupils, curiosity, enjoyment, skills and a growing understanding of science knowledge, through an approach in which pupils raise questions and investigate the world in which they live.

Aims

- To deliver the Science Programmes of Study of the National Curriculum.
- To promote learning through a wide variety of teaching and learning styles.
- To develop investigational skills through relevant practical tasks.
- To promote positive attitudes to the learning of science.

Guidelines

- Long term planning for science is to be based on the North Yorkshire Science Topics, in two yearly cycles of access, linked wherever possible to school topics.
- Medium term planning takes place every half term, and is constructed using the appropriate North Yorkshire Science Topics and Teaching and Assessment Sheets.
- Differentiation of activities are made in the medium term planning as appropriate to the pupils being taught based upon their prior knowledge, understanding and skills.
- The strong practical mathematical links with investigations are seen as an opportunity for teaching and should be explored at the planning stage.
- The assessment of knowledge and skills is planned for as part of the teaching process. Summative assessment takes place at the end of each term, based on Teacher Assessment.
- Science is usually to be taught by the class teacher, but arrangements for teachers to team teach, or exchange classes to provide a mutual exchange of expertise can be negotiated with the Headteacher.
- The North Yorkshire guidelines for safety - ASE 'Be Safe' 4th Edition are a **minimum** requirement of health and safety standards. Teachers should notify the science subject leader of any suggested amendments. Free advice is available from CLEAPSS hotline 01895 251496
- Pupils are normally organised into small groups and encouraged to work co-operatively for science work. The group size will be determined by the age, task and ability of the pupils.
- A wide range of teaching and learning styles are used, including the North Yorkshire 6 types of practical work, with an emphasis on investigative, rather than illustrative practical activities.

- Key Stage 1 and EYFS are taught in the same class with cross overs between skills within the Early Year Goals and Science KS1 curriculum.
- Pupils are taught to use a wide range of appropriate recording methods, which include the use of Information Communication Technology at both Key Stage 1 and Key Stage 2.
- Displays of science work are used to emphasise and raise the importance of science in the school. Where possible, interactive displays are planned for other pupils to explore.
- Equal opportunities in science are given to all pupils.
- Labelled resource boxes linked to the themes of the 'Science Topics' are kept in the shed (or classroom).

REVISED by Hannah Bracey 30.01.2013

AGREED BY:

ON:

TO BE REVIEWED: January 2016