

St Cuthbert's CE Primary School - Science Policy

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 2014.
- 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

- At St Cuthbert's our long term plan for science is on a 2 year cycle and is based on the North Yorkshire Scheme of Work for science.
- Medium term planning will take place every half term, and will be constructed using the appropriate North Yorkshire Science Topics and Teaching and Assessment Sheets and recorded on the agreed science proforma.
- Differentiation of activities will be made in the weekly/daily planning as appropriate to the pupils being taught based upon their prior knowledge, understanding and skills.
- The strong practical mathematical links with investigations will be seen as an opportunity for teaching and should be explored at the planning stage.
- The assessment of knowledge and skills will be planned for as part of the teaching process. Summative assessment will take place at the end of each term, based on Teacher Assessment.
- The safety of pupils is to be ensured at all times. See school risk assessments. Free advice is also available from CLEAPSS hotline 01895 251496
- Pupils will normally be 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 will be used, including the North Yorkshire '6 types of enquiry', with an emphasis on investigative, rather than illustrative practical activities.
- Pupils will be taught to use a wide range of appropriate recording methods, which will include the use of Information Communication Technology at both Key Stage 1 and Key Stage 2.
- Equal opportunities in science will be given to all pupils. (See equal opportunities policy).
- Resource boxes linked to the themes of the 'Science Topics' are kept in the science cupboard.

Reviewed Spring 2016

Review date Spring 2019