

Bishop Monkton C of E 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, investigate, record and evaluate the world in which they live.

Aims

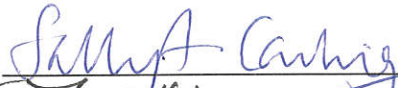
- To deliver the Science Programmes of Study of the 2014 National Curriculum for Key Stage 1 and 2 and 'Understanding the World' through the Development Matters document for EYFS.
- To promote learning through a wide variety of teaching and learning styles.
- To develop 'working scientifically' skills through relevant practical tasks.
- To promote positive attitudes and foster a love of learning for science.

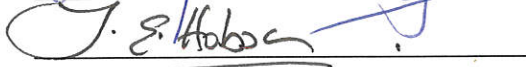
Guidelines

1. Science will be taught according to the needs, maturity and ability of each child.
2. Long term planning for science will be based on the North Yorkshire Science Scheme of Learning (NYSSoL) Long Term Plans.
3. Medium term planning will take place every half term, using the appropriate North Yorkshire Science topic teaching and assessment sheets as a starting point.
4. Differentiation of activities will be made in the weekly planning as appropriate to the pupils being taught based upon their prior knowledge, understanding and skills.
5. The strong practical mathematical links with practical work will be seen as an opportunity for teaching and should be explored at the planning stage.
6. The assessment of knowledge and working scientifically skills will be planned for as part of the teaching process. (See assessment policy). Summative assessment will take place at the end of each term, based on teacher assessment.
7. Science will usually 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. Visits and visitors are actively encouraged.
8. The North Yorkshire adopted guidelines for safety - ASE 'Be Safe' 4th Edition are a **minimum** requirement of health and safety standards. This booklet can be found in the staff room in the science file. Teachers should notify the science subject leader of any suggested amendments. Free H&S advice is available from the CLEAPSS hotline 01895 251496.
9. 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. Children will be encouraged to formulate ideas and concepts through extended discussion and evaluation.
10. A wide range of teaching and learning styles will be used, including the Curriculum 2014 'five types of enquiry', with an emphasis on investigative, rather than illustrative practical activities.
11. Pupils will be taught to use a wide range of appropriate recording methods, which will include the use of modern technologies at both Key Stage 1 and Key Stage 2.
12. Displays of science work will be used to emphasise and raise the profile of science in the school. Where possible, interactive displays will be planned for other pupils to explore.
13. Resources appropriate to each class should be available in each room and consumable equipment should be replaced yearly.

14. Equal opportunities in science will be given to all pupils. (See equal opportunities policy).

Signed Headteacher





Signed Chair of Governors

Date

March 2017

Review date

March 2019