

GARGRAVE CE PRIMARY SCHOOL

SCIENCE POLICY

Why teach science?

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 2014 National Curriculum.
- 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 to the learning of science.
- To promote quality purposeful writing and mathematical applications

Guidelines

- Long term planning for science will be based on the North Yorkshire Science Scheme of Learning (NYSSoL) Long Term Plans.
- Medium term planning will take place every half term, using the appropriate North Yorkshire Science Topic Teaching and Assessment Sheets as a starting point.
- 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 practical work 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. (See assessment policy). Summative assessment will take place at the end of each term/ unit, based on teacher assessment. Use of testbase to create unit assessments specific for year group.
- 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.
- The North Yorkshire adopted 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 H&S advice is available from the CLEAPSS hotline 01895 251496.
 - CLEAPSS log in for 2016 are user neon and password inert16
- 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 Curriculum 2014 ‘five 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 Modern Technologies at both Key Stage 1 and Key Stage 2.
- 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.
- Equal opportunities in science will be given to all pupils. (See equal opportunities policy).
- Resource boxes are available to borrow from Ermysted’s school.

REVISED:

NEXT REVIEW DATE: Summer 2019