THIRSK C.P. 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.
- 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 will be based around our Topics, with a check having been made that there is coverage of all the main Science objectives and is cross referenced with the National Curriculum. Any objectives not covered through topics will be taught as separate units.
- Medium term planning will take place termly with all opportunities to teach Science being exploited and made explicit in the plans.
- 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. (See assessment policy).
- The North Yorkshire guidelines for safety - ASE 'Be Safe' 3rd Edition are a **minimum** requirement of health and safety standards. Teachers should notify the science co-ordinator of any suggested amendments. Free advice is available from CLEAPSS hotline 01895 251496
- Pupils will often be organised into small groups and encouraged to work co-operatively for science work.
- A wide range of teaching and learning styles will be used, 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.
- Displays of science work will be used to emphasise and raise the importance of science in the school.
- Resource boxes are kept in the Library.
- The role of the Science Subject Leader is to:
    - be responsible for the development of science in school.
    - monitor the effectiveness of science in school.
    - support teachers in their planning and strategies for classroom management.
    - disseminate new information.
    - provide or organise staff training.
    - be responsible for providing appropriate science resources

REVISED: Nov 2015 by J. Atkinson TO BE REVIEWED: