

Irthington Village School.
Science Policy
December 2015

Rationale

Science provides a way for children to explore, discover and investigate the world around them, through observation, investigation and acquiring knowledge.

Aims

- To ensure the delivery of the National Curriculum for Science through a broad and varied programme of experiences that shows progression from Foundation to year six.
- To stimulate and enthuse children, to encourage an enquiring mind.
- To promote a positive attitude to Science and a confident and systematic approach to investigations, developing thinking and problem solving skills.
- To encourage children to develop a variety of scientific skills (fair testing, measuring, observing, recording, predicting, interpreting information including the use of technology).
- To ensure that there is equal opportunity for all children and that differing needs are provided for through differentiated questioning and activities.

Guidelines

- In the Foundation Stage, Science is taught through the key skills of understanding the world. In key stage 1 and 2, science is taught as a separate subject and may also be included in cross-curricular work where applicable.
- Children will have the opportunity to work within a variety of classroom organisational methods including individual, pairs, group and whole class and to use the local environment for detailed study.
- Lessons in Key stage 1 and 2 will have a greater emphasis on practical activities to encourage thinking scientifically - allowing a variety of skills to be practised – observation, comparison, prediction, recording, measuring, analysing data and fair testing.
- Where applicable children will have the opportunity to use appropriate scientific equipment, correctly and safely, including the use of technology to collect and display data.
- Science lessons will be differentiated to cater for the individual needs of the children.
- To ensure progression and continuity, the delivery of the Science curriculum will be jointly planned for by the headteacher and teachers of class 2 and class 3.
- Relevant staff development opportunities will be provided to ensure staff expertise and confidence.

Monitoring and Evaluation

It is the responsibility of the headteacher to monitor the standards of children's work and the quality of teaching

Conclusion

By the end of Key stage 2 children should have a greater understanding of scientific facts and skills. They should have a positive attitude to Science and see its relevance in the world around them. We hope that they will be enthusiastic and thought provoking young scientists.

Policy reviewed: December 2015

Ratified by Curriculum Committee on behalf of the
Governors:

