

Wicklewood Primary School and Nursery

Science Policy

Rationale

Science is an introduction to the world of living things, materials and energy. It is primarily a practical subject, which develops a spirit of enquiry by encouraging curiosity and reason. Skills that are developed are observation, prediction, investigation, hypothesising and interpretation. We will aim to take the children forward from the point they have reached at the beginning of the year. In Science, children learn how to work with others, persevere and how to ask questions.

Purpose

1. To give the opportunity for acquiring progressively evolving scientific skills, concepts and approaches.
2. To absorb balanced scientific activities into other classroom activities using a thematic approach.
3. To offer a flexible scheme of work which gives opportunities to work individually, in groups or as a whole class, which enable progression and continuity throughout the school
4. To deliver the requirements of Early Learning Goals and the National Curriculum to all children.
5. To encourage children to work in a progressively independent way at different levels on appropriate activities and to start to develop their own research skills.
6. To frequently assess the progress made by children as part of their continuing development.
7. To encourage safe and careful habits in practical work.
8. To foster relevant communicating, reporting and recording skills.

Broad Guidelines

1. Science will be taught as determined by National Curriculum 2014 and Statutory Guidance for EYFS. Working scientifically will be a core part of lessons and practical investigation will be encouraged in every investigation or activity where appropriate.
2. The teacher will determine the most appropriate teaching strategy to suit the purpose of a particular learning situation.
3. Teachers are responsible for the planning, delivery and assessment of Science.
4. Children will work as individuals, in pairs, in groups and also as a whole class when appropriate. Activities will be differentiated at group and individual level.
5. Science will be used to aid the teaching and learning in other areas as appropriate.
6. The children will be encouraged to use a variety of means of communicating and recording their work. Participating as a speaker and a listener is important to hone reasoning and expression skills. Outcomes can be generated graphically, diagrammatically, pictorially, in written form and by display.
7. There is a central store of resources to meet the needs of most topics – these are supplemented by project boxes from the TSN. Teachers are responsible for advising the science subject leader of extra resources needed.

Conclusion

Teaching of Science at Wicklewood Primary School and Nursery will enhance the children's understanding and sensitivity to the world around them. The school aims to continue to exceed national average standards.

This policy directly links/relates to the Teaching and Learning Policy, SEN Information Report and English Policy.