

Yeadon Westfield Infant School
Science Policy 2019
Review 2022

This school is committed to safeguarding and promoting the wellbeing of all children, and expects our staff, governors and volunteers to share this commitment. This policy should be read in conjunction with all other school policies

Introduction

Science in the primary school, as elsewhere, is about developing understanding of the world around us. It is concerned with a particular part of this world, the living and the non-living materials in it, and with understanding that is developed through testing ideas against available evidence. Learning science is the gradual building of these skills and ideas. For the child learning science, as for the scientist, the way understanding develops depends both on the existing ideas and on the process by which those ideas are used and tested in new situations.

Aims

Through the teaching of science, we aim:

- To provide opportunities for all children to take part in science activities (in early years knowledge and understanding of the world activities), regardless of gender, ethnicity, socio-economic background or special educational needs.
- To develop scientific knowledge and conceptual understanding
- To develop enquiring minds and to enhance thinking and questioning skills
- To develop understanding of the nature, processes and methods of science
- To develop scientific attitudes and the use of scientific vocabulary
- To develop investigational skills and *working scientifically* skills across school
- To provide opportunities to record observations using a variety of methods e.g. diagrams, tables
- To develop knowledge of the uses and implications of science

Principles that underpin our work:

- Teaching and learning will be based on the objectives specified National Curriculum 2014 and EYFS objectives.
- Science will be taught in discrete sessions in KS1 and explored through Understanding of the World in Development Matters in Early Years. All science

sessions in KS1 will follow National curriculum objectives and have a focus on the Working Scientifically skills.

- Teachers will seek to take advantage of opportunities to make cross-curricular links.

<u>Year 1</u>	Plants	Animals including humans	Everyday materials
<u>Year 2</u>	Living things and their habitats	Animals including humans	Uses of everyday materials
	Working scientifically skills		

Assessment

- Assessment for learning is an integral part of teaching and planning.
- Teachers will respond to children's work quickly in order to move their learning forward and/or address any misconceptions.
- Teachers will mark each National Curriculum objective for their particular year group when each child has achieved it. This assessment will be passed forward with the class up to Year 2.
- Intervention will be put in place if and when necessary.

Health and Safety and Risk Assessment

Safety of children in science lessons is of the highest priority. Staff should refer to the safety guidelines given in the 'Be Safe' booklet, issued to all Primary Schools. All staff should be aware of the need to take steps to reduce any possible risks and hazards in science activities.

This policy should be read in conjunction with the following policies-

Inclusion

Health and Safety

Equalities

Behaviour and Discipline

Assessment policy