

# Yeadon Westfield Infant School Science Policy

*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*

## Aims

- ❖ to develop scientific knowledge and conceptual understanding
- ❖ to develop enquiring minds
- ❖ to develop understanding of the nature, processes and methods of science
- ❖ to enhance thinking and questioning skills
- ❖ to develop scientific attitudes
- ❖ to develop use of scientific language
- ❖ to develop investigational skills
- ❖ to provide opportunities to record observations using a variety of methods e.g. diagrams, tables
- ❖ to foster confident independent and collaborative work
- ❖ to foster enjoyment and curiosity in finding out about the world
- ❖ to develop knowledge of the uses and implications of science

## Principles underpinning our scheme of work

The scheme of work in science largely utilises the NC Programme of Study (PoS) of work for years 1 and 2. The units of work for the Foundation Stage have been devised using the Early Learning Goals (Understanding the world) and by identifying the knowledge, skills and understanding which precede the starting points of the PoS for Year 1. An emphasis is placed on the gradual increase of the use of the key skills of working scientifically throughout the Key Stages. Thus the main focus of skills in the Foundation Stage is upon the use of language, observation and exploration using all the senses. In years 1 and 2, the emphasis gradually shifts towards the skills of hypothesising, prediction and the drawing of conclusions based upon the evidence available, using a range of approaches to gather and record data.

## Assessment

In the Foundation Stage, the assessment of a child's performance is based on the statements to be found in the Curriculum guidance Understanding the World as part of the Foundation Stage Profile.

In KS1, a child's performance is assessed through assigning levels of attainment across the Attainment Targets using the statements found in the APP materials across Assessment Foci 1-5 (AF1-5).

## 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

plus any other relevant policies

Louise Dunsire

