



## **Recreation Road Infant School Science Policy**

**Date of Policy Spring 2009**

**Members of staff responsible- Lisa McNaughton**

**Review Date- Spring 2012**

### **Policy Statement**

We believe that science means exploring, discovering and investigating the world around us. Through a variety of experiences and activities children are encouraged to analyse, think, ask questions and gather knowledge about many subjects making connections between their learning.

### **Aims:**

- To stimulate curiosity in the world around us
- To explore the Eight Doorways of Sustainable Schools
- To give opportunities to develop scientific knowledge, skills and concepts
- To give opportunities for children to pose questions and explore solutions and hypotheses
- To learn how to use equipment and materials safely
- To be able to communicate scientific ideas to others

**Content and Subject Knowledge:**

Children will work through the six areas of learning of the Foundation Stage Curriculum and Key Stage One of the National Curriculum.

Science will be taught both as a discrete subject where appropriate but also scientific skills, investigations and exploration will be part of a cross—curricular approach.

Some everyday activities that can encourage scientific enquiry and interest are:

Setting up a Nature table

Caring for small pets

Using a wide range of play and construction materials

Growing plants and tackling environmental issues

Using ICT to explore concepts and gain knowledge

Cooking and preparing food

Exploring changes to our bodies through PE and sport

Involving visitors such as RSPB and visits to local facilities to inspire interest

Through our use of the Sustainable Schools Framework children will explore the eight doorways which include: Health and well-Being, Waste, Local Environment, Water and Energy. Our Eco-Council focus on environmental issues working alongside our Gardening Club.

**Learning at Home:**

We hope to support learning outside of school through providing information to families about our science curriculum . This is available on our website and as hard copies. Family Learning Events are planned to include science topics such as Bird Watching, Butterflies and Dragonflies and Young Engineers.

**Assessment:**

This is done in accordance with Assessment For Learning principles in order that children participate in understanding how to further their own learning. Assessment takes place using Level Descriptors throughout Key Stage One.

**Monitoring the Policy:**

This is done by the subject leader along with the Leadership Team. This is further complemented by our Link Governors who visit school and monitor learning. Regular reports are presented to the Full Governing Body.

Signed.....Chair of Governors

Signed.....Headteacher

Date.....