



## Science Policy

### Vision/ Aims

Science is instrumental in preparing future generations for their changing world. At Great Coates Primary School, we believe that science should stimulate pupils' interest, ignite learners' curiosity, promote enquiry and embed secure knowledge of the world and wonders around us. Science should be taught through investigative and research learning in order that children can learn through discovery, backed up with practical modelling so that children question intelligently, evaluate well and explain with precision.

### Teaching and Learning

In the Early Years Foundation Stage science is taught through investigative play linked to the Knowledge and Understanding of the World and Physical Development Strands of the Curriculum. In KS1 & KS2 science is taught weekly. Both KS1 & KS2 use the Twinkl objectives which cover the National Curriculum objectives.

### Assessment, recording & reporting

Pupils' work and progress are assessed during lessons and on completion of work using a range of formative assessment processes e.g. questioning, discussion, marking (as per the marking policy). At the end of each unit of work the teacher will make a summative judgement in relation to the National Curriculum Milestones using the school's assessment criteria. In KS2 pupils complete end of unit assessments to support teacher assessments.

### Resources

Learning resources are kept in the science cupboard in labelled boxes/spaces. Relevant equipment is collected by the staff and it is their responsibility to ensure equipment is returned to the allocated space in the cupboard.

### Equal opportunities

When planning science work, we endeavour to use material which are free of gender bias but emphasise diversity. We promote equal opportunities by encouraging all children to participate enthusiastically in science and to overcome stereotyping of Science as a career 'just for boys'.

Through science we teach children to be environmentally friendly and ethical e.g. handling animals gently and returning them to the same spot they were collected for study.

### Health & Safety

Children will be taught how to ensure their experiments are carried out hygienically and ethically. They will be encouraged to wash their hands after practical activities such as working in the garden, handling animals or chemicals etc.

Reviewed by: Robyn Bradley

Date: June 2018

Next Review Date: June 2021