



## **Aspin Park Academy**

### **Science Policy**

#### **Overall Objective**

To develop in children curiosity, enjoyment, skills and a growing understanding of science knowledge through an approach in which the children raise questions and investigate the world in which they live.

#### **Aims**

- To deliver the Science Programmes of Study of the 2014 National Curriculum
- To promote learning through a wide variety of teaching and learning styles.
- To develop 'Working Scientifically' skills through relevant practical tasks.
- To promote positive attitudes to the learning of Science.

#### **Guidelines**

- Equal opportunities in Science will be given to all children.
- Long term planning will be based on the National Curriculum Science Programmes of Study 2014 for Key Stages 1 and 2.
- Medium Term planning will take place half-termly using the appropriate learning objectives taken from the Programmes of Study for that Year group.
- Short term planning is appropriate to the needs of the children being taught based upon their prior knowledge, understanding and skills.
- Opportunities for assessment of knowledge and skills to be planned for as part of the teaching process. These assessments will be in line with our assessment policy and assessed at the end of each topic. Assessment criteria has been made available to all staff.
- Where possible, Science may be developed through links with other curriculum areas. Science may be taught as a discrete subject or as part of cross-curricular topics to ensure coverage.
- A wide range of teaching and learning styles will be used with an emphasis on both illustrative practical activities and investigative activities where appropriate.
- The children will be encouraged to work independently, or may be organised into small groups to encourage working co-operatively. The age, task and abilities of the children will determine the group size and organisation.
- Displays of science work could be used to emphasise and raise the importance science in the school. Interactive displays for other children to explore could be planned.
- Whole school 'events' are organised – whole school topic every 2 years – to develop the profile of Science within the school and to allow the children to learn and have fun, whilst at the same time being able to access new equipment, resources and expert guidance.
- ICT is used to record and evaluate data obtained from observations and measurements.
- The safety policy and the NY guidelines for safety 'Be Safe' will be followed as a minimum requirement for safety standards when planning practical activities. Identified areas of risk should be written on the medium-term plans.

- Practical resources and any relevant literature are located in the science area of the resource room in Fountains building, (as well as in the science cupboard in the infant library.)
- Books and guidance folders are located in the staff library in the staffroom.

Next Review Date: July 2019

J Shutt

Science Curriculum Group

June 2018