**Meadows Science Policy**

**Intent:**

The Science curriculum at The Meadows is designed with the intent that each child will develop their understanding of the world around them in a practical, engaging and enjoyable way. Science will, wherever possible, be based directly on first-hand experience with pupils being encouraged to respond to things that they have seen, touched or heard. Pupils will be encouraged to be curious about the world around them and to develop a wide range of skills such as observing, classifying, measuring, fair-testing, recording and predicting. We also believe that the Science taught at The Meadows should be relevant and useful and that pupils should be able to make informed choices in relation to issues such as diet, exercise or the environment and how best to look after it.

**Implementation:**

Pupils are taught in class groups in Key Stages 3 and 4

The curriculum is based on the topic strands outlined in the National Curriculum but is suitably modified to accommodate the wide range of needs and abilities within the school.

A range of approaches are employed in each teaching and learning session to ensure that learning is practical and engaging and builds on prior knowledge, understanding and skills to support achievement and progress.

The Science curriculum aims to support The Meadows curriculum pathways leading to three broad outcomes: Learning for Life, Learning for Independence, Learning for Employment.

Learning Outside the Classroom is an important part of science. We seek to take learning beyond the classroom as it increases engagement and allows students to develop wider skills. Examples of learning outside the classroom range from building and testing air-powered rockets to pond-dipping at a local nature reserve.

**Impact:**

Progress tracking takes place on Evidence for Learning following the Science progression framework.

Pupils at The Meadows will:

* Develop and retain knowledge that is pertinent to science with a real life context.
* be able to question ideas and reflect on knowledge.
* Develop their cross-curricular skills through their work- organising, recording and interpreting results.
* work collaboratively and practically to investigate and experiment.