

## Science Intent

**Respect** – Science helps our children to be more accepting and understanding of others' differences and teaches them how to care for themselves and others by showing respect to other living organisms and their habitats whilst using equipment safely.

**Exceptional** – Science gives our children the chance to represent their understanding of the scientific concepts which have been taught through different presentations and gives them the chance to collect and represent findings of contrasting variables through cross curricular links, which will support them in becoming a well-rounded, exceptional learner.

**Resilience** – Resilience in our Science curriculum allows children to overcome difficult scientific concepts. This provides them with opportunities to be inquisitive, as well as motivated, and answer their questions through: predictions, trial, improve, refine, think logically and work systematically.

**Independence** – Our Science curriculum gives independence to all our children to further their knowledge and understanding of the subject including scientific vocabulary and understanding. Through investigations, this allows them the freedom to experiment and reflect to develop confidence in their own skills and understanding.

**Creativity** – Through scientific enquiry, our Science curriculum provides children with creative, enjoyable, practical, and investigative activities encouraging other aspects of the curriculum. Drama may be used to model ideas/explanations, use of tablets to film investigations and results and science stories to encourage appreciation of their work.

**High aspirations** – our Science curriculum and the careers/work of diverse scientists and inventors show how our children can have high aspirations and use Science to change and shape the world around them. Science can transform children's lives by providing them with the opportunities to improve their knowledge, skills, and experiences that they can use and build on in the future.

