



1. Intent

The aim of our science curriculum at Beardall Fields is:

- To develop an enjoyment of scientific learning and discovery through investigations and observations
- Develop scientific knowledge and enquiry skills through the specific disciplines of biology, chemistry and physics
- Be equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future
- Develop an enthusiasm and enjoyment of scientific learning and discovery

2. Implementation

The ways in which we implement these in school is through:

- Planned topic blocks where knowledge, skills, vocabulary enquiry skills are built year on year
- Working scientifically will be embedded into lessons so the skills are not taught in isolation
- The use of scientific equipment to support enquiry skills
- Visitors, experiences, assemblies, residential and trips
- Regular assessment opportunities (retrieval quizzes and checks)
- High-quality lessons with clear learning end goals for the children

3. Impact

The impact of this will be:

- Children will leave Beardall Fields with a life-long passion for the subject, ready for the expectations of the KS3 science curriculum
- Children will develop well-rounded enquiry skills that will use these to collect and interpret data confidently
- Children will have an understanding of how science has and is changing our lives, and how it is vital to the world's future prosperity and survival.
- Children will recognise the opportunities within science for their future careers.