



## COMMUNITY & LOCATION



## ADVENTURE & INTRIGUE



## NURTURING YOUNG MINDS



## MORAL VALUES & DIVERSITY



## SUBJECT = Science

### INTENT

- To deliver a high-quality science education which will engage and inspire our pupils to be curious and ask questions about what they notice whilst developing a love of science.
- To embed science across the Academy using a progressive curriculum.
- To enable pupils to experience and observe phenomena, looking more closely at the natural and humanly-constructed world around them.

### IMPLEMENTATION

- A clear and comprehensive scheme of work in line with the National Curriculum where teaching and learning should show progression across all key stages within the strands of Science.
- Children will be able to build on prior knowledge and link ideas together, enabling them to question and become enquiry based learners.
- All children will be encouraged to develop their understanding of scientific ideas by using different types of scientific enquiry to answer their own questions, including observing changes over a period of time, noticing patterns, grouping and classifying things, carrying out simple comparative tests, and finding things out using secondary sources of information.
- The children will begin to use simple scientific language to talk about what they have found out and communicate their ideas to a range of audiences in a variety of ways.
- Learning will be supported through first-hand practical experiences.
- Children will be given opportunities to use secondary sources, such as books, photographs and videos to develop their learning further.
- Enrichment activities will be provided throughout the year, providing relevance and context to learning.
- The children will be inspired to enquire and investigate outside of the academy hours through the use of a 'Science backpack'.
- Academy Science lead will monitor provision across the academy.

### IMPACT

- Every child has been encouraged to ask questions, enquire and investigate.
- Every child has been inspired to engage with different forms of Science through a range of enrichment activities e.g. Trip to the Science Centre, Blast Science etc.
- Every child has developed their understanding of scientific ideas by using different types of scientific enquiry.
- Children will work collaboratively and practically to investigate and experiment.
- Children will be able to explain the process they have taken and be able to reason scientifically.