



Audley Primary School Curriculum Intent Statement – Science
2021-2022



Intent:

The aims for teaching Science in our school are:

- To develop pupil's knowledge and conceptual understanding through the scientific disciplines of Biology, Chemistry and Physics
- To develop understand and implementation of knowledge, methods, processes and uses of science
- To encourage pupils to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena
- To develop understand of the nature, processes, and methods of science through different types of science enquiries that help pupils to answer scientific questions about the world around them
- To be aware of how scientists in the past discovered phenomena's that impact how we live our lives/ understanding today and for the future
- To fulfil the requirements of the National Curriculum for science

At Audley, our intended aims are fulfilled by providing a broad, balanced curriculum offer while ensuring the progression in the development of conceptual knowledge and skills. Scientific skills are progressively mapped out across both key stages where pupils start by observing and comparing moving on to testing fairly and to designing their own test based on their questions and finding scientific research to support or refute their findings. Units are mapped so that pupils recall, recap and review their prior learning so that conceptual knowledge and skills can be built upon and deepened. When learning concepts that are more abstract (cannot be easily observed such as fossils, circulatory system etc.) pupils carry out simulations to support their understanding and reduce their cognitive load.