

## *Science*

### *Intent*

We are all born as novice scientists. We intend for all our students to develop an extensive and connected knowledge base to become more expert in the sciences. We want all our students to leave the school scientifically literate and have the cultural capital they need to succeed in life. We aim for our students to be equipped with the knowledge and skills to study science to a higher level. We also aim to encourage a sense of excitement and curiosity about natural phenomena and a love of the sciences.

We want our students to learn:

- how the world around us works
- the science behind everyday activities
- how to form balanced judgements
- the impact of human activity on the planet
- how to apply their learning to new situations
- to develop problem solving skills

The knowledge and skills we intend our students to learn are clearly identified in our Schemes of Work and Knowledge Organisers where the fundamentals are derived from the National Curriculum and the AQA specification and refined and reviewed each year.