



Deepening Learning and Raising Aspirations through the AIRR values.

What does this look like in our Science curriculum?

Aspire:

Our Science curriculum is designed to provide students with a broad and deep knowledge to understand the world around them. We value that Science widens students' horizons to facilitate access to future study and employment opportunities.

Be Independent:

We develop independent thinkers who can use and apply their knowledge and understanding to new contexts and scenarios. Our students will be scientifically literate and numerate, with strong skills in critical thinking, analysis and evaluation.

Be Resilient Learners:

Throughout our curriculum students will gain exposure to the scientific process including appreciating the importance of making mistakes and using them to refine understanding. Through regular recall and application of knowledge and skills students will develop their ability to drive their own learning forwards.

Be Respectful:

The science curriculum takes account of global problems and ethics and the impact that science has on these, including respect for the viewpoints of others. Our curriculum celebrates the contribution of scientists from diverse backgrounds in the past, and more importantly in the future, and the value of collaborative working to facilitate progression.



Ormiston
RIVERS
Academy

Science Department

Curriculum Intent