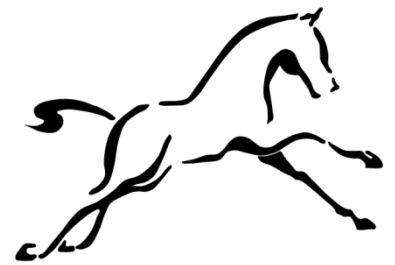


Science at Key Stage 3

Year 7



Science at the Ridgeway School inspires student's curiosity of the world around them. Students take observations from both within and beyond the laboratory and link these to scientific ideas. They learn the role of evidence in developing knowledge and understanding in science, and how these developments affect our lives and those of future generations.

Science at Key Stage 3 is based on the 'Exploring Science' scheme of work published by Pearson Longman.

Throughout Key Stage 3 students are assessed through AFL tasks in class or set for homework, end of topic tests, the 5 skill areas of How Science Works and end of year tests.

Students begin Year 7 by building on the 'Soils' project started in Year 6. They will become accustomed to working in a laboratory environment and with a wide variety of scientific apparatus. They can then expect to study a range of topics each based around a real-world theme.

Topics include:

Tissues and Transplants

Acids and Alkalis

Energy and Sustainable Living

Sex and Science

Bubbles, Bangs and Burning

Electrical Circuits

Ecology Matters

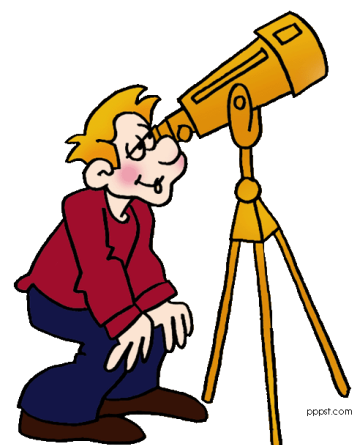
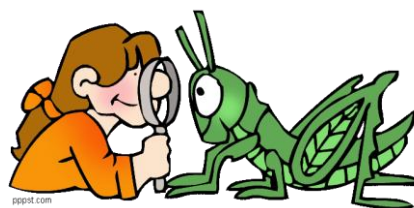
What a Waste!

Forces and their Effects

Classified

Materials from the Earth

The Solar System and Beyond



In addition students will visit Bristol Zoo in the summer term, and complete projects on Buoyancy and Separating.