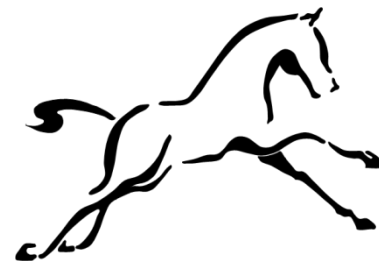


Science at Key Stage 3

Year 9



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.

Currently year 9s complete the Spotlight Science course and commence their GCSE Core Science course in Term 6 after the final Key Stage 3 assessment.

Topics include:

Biology

Plants and Photosynthesis

Plants for food

Inheritance and selection

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Chemistry

Metals and their compounds

Patterns of Reactivity

Environmental Chemistry

Using Chemistry



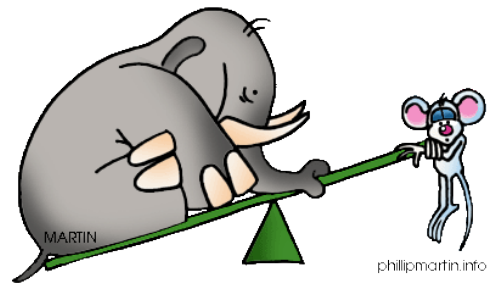
Physics

Energy and electricity

Gravity and space

Speeding up

Pressure and Moments



The final Key Stage 3 assessment is an accumulation of a progress test in January of year 9 based on the National Test Papers, a final Test paper in June and the level achieved as a result of all other assessments throughout year 9.