



RIVINGTON & BLACKROD HIGH SCHOOL AND SIXTH FORM

Community · Standards · Inclusion

CURRICULUM

Key Stage 3 Science 2016 to 2017

Year 7

Pupils follow the Collins scheme of work with a specially designed and resourced introductory unit. This unit introduces the pupils to the important procedures in a laboratory. Also, the vital areas of safety are covered to prepare pupils for the new experience of working in a science lab.

Pupils then study specific units relating to the important areas of science:

First module: Becoming a Scientist (10 lessons)

Pupils then study 6 modules over the year (15 -20 lessons in each one) covering the following areas:

- Biology: Cells
- Biology: Eating, Drinking & Breathing
- Chemistry: Mixing, Dissolving & Separating
- Chemistry: Elements & Compounds
- Physics: Forces & their Effects
- Physics: Energy Transfers & Sound

Year 8

Pupils also follow the Collins scheme of work and study the following modules (15-20 lessons in each one):

- Biology: Getting the Energy your Body Needs
- Biology: Looking at Plants and Ecosystems
- Chemistry: Explaining Physical Changes
- Chemistry: Explaining Chemical Changes
- Physics: Exploring Contact & Non-Contact Forces
- Physics: Magnetism & Electricity

Year 9

Pupils also follow the Collins scheme of work and study the following modules (15-20 lessons in each one):

- Biology: Variation for Survival
- Biology: Health & The Effects of Drugs
- Chemistry: Obtaining Useful Materials
- Chemistry: Using the Earth Sustainably
- Physics: Motion on Earth & in Space
- Physics: Waves & Energy Transfer