

At KS3 our pupils have 4 lessons in science per week. They are taught in short block rotations of biology, chemistry and physics. In Y7 they are taught by the same science teacher, in Y8 and Y9 they are taught by a subject specialist.

The units of study are:

| Year 7                    | Year 8                   | Year 9             |
|---------------------------|--------------------------|--------------------|
| Cells                     | Food and digestion       | Inheritance        |
| Reproduction              | Respiration              | Plants             |
| Environment               | Microbes                 | Reactions of metal |
| Variation                 | Ecological relationships | Reactivity         |
| Acids and Alkalis         | Atoms and elements       | Pressure           |
| Chemical Reactions        | Rocks and weathering     | Speed              |
| Solids, liquids and gases | Rock cycle               |                    |
| Solutions                 | Heating and cooling      |                    |
| Energy                    | Magnets, electromagnets  |                    |
| Electricity               | Light                    |                    |
| Forces                    | Sound and hearing        |                    |
| The Solar System          |                          |                    |

KS3 pupils are assessed by End of Unit Tests for which they are given an equivalent GCSE grade. Pupils are moved between groups based on their average grade at the time.

The GCSE study will start in the Spring Term of Year 9. All pupils will cover units in biology, chemistry and physics and will be initially tested in July as an aid to setting.

