



June 2018

Autumn Term

Topics of Study

The term starts with an **Introduction to Science**. In this topic students will learn the names of some basic scientific equipment and be taught how to use them safely.

We then move to our first **Biology** topic—**Cells**. Students will learn to name the different parts of both animal and plant cells. They will also be taught how to use a microscope and prepare microscope slides for viewing.

Particles, Atoms and Elements is our first **Chemistry** topic. Students learn the structure of an atom, and

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Particles, Atoms and Elements is our first **Chemistry** topic. Students learn the structure of an atom, and begin to study the periodic table as part of their introduction to elements. This document also contains useful web links to support your child's home learning about the different ways we can produce electricity from both renewable and non-renewable energy resources.

Autumn

Assessments

Biological Cells
(September)

Particles,
Atoms and
Elements
(October)

Energy and
Energy
Resources
(November)

Plant
Reproduction
and
Photosynthesis
(December)

The week the assessment will take place in will be highlighted in your child's Long Term Plan which is



gets students to think about the environmental consequences of using each resource.

focuses on plants and their significance to our survival. Students look at **Plant Reproduction** and how plants Photosynthesis by