

Science Year 7 Curriculum Map

TERM 1	TERM 2	TERM 3
<p>INTRO UNIT Safety Variables Equipment graphs</p> <p>Forces- Friction Balanced and unbalanced forces Turning forces speed</p> <p>Cells – Cell structure Microscopes Specialized cells Diffusion Levels of organisation</p> <p>Atoms, Elements and Compounds- Atoms and elements The periodic table Compounds Chemical formulae Writing equations States of matter Changing state</p> <p>END OF TERM EXAM</p>	<p>Reproduction and Variation- Adolescence Reproductive systems Menstrual cycle Fertilisation Pregnancy and birth Variation Inheritance Extinction</p> <p>Separation Mixtures Chromatography Distillation Filtration Solutions solubility</p> <p>Electricity and Magnetism- Symbols Series and parallel circuits Magnets and fields electromagnets</p> <p>END OF TERM EXAM</p>	<p>Acids and Alkalis Acids and alkalis pH scale Indicators Neutralisation Making salts</p> <p>Energy Types of energy Conservation of energy fuels</p> <p>END OF YEAR EXAM</p> <p><i>Taught after the exam</i></p> <p>Environment and Feeding – Ecosystems Adaptation Competition Food chains and webs Predator-prey relationships Disruption to food chains</p>

Maths skills

Maths skills

Revisit – cells
Cells KO tests

Revisit –atoms
Atoms KO tests

Revisit –structure of an atom and idea of electrons and charge

Revisit –structure of an atom and ions.

Maths skills

Revisit –energy stores and transfers