

Year 7 Science Planning Outline – Summer Term

These are the subjects covered in the Summer Term. The exact timing and order of them may be subject to change.

Area of curriculum	Pupils should be taught
Metals & their Behaviour (Chemistry)	<ul style="list-style-type: none"> • how metals react with oxygen, water and acids and oxides of other metals, and what the products of these reactions are • <i>KS3 Science Revision Guide pages: 64, 65, 66</i>
Metals & their Behaviour (Chemistry)	<ul style="list-style-type: none"> • about the displacement reactions that take place between metals and solutions of salts of other metals • <i>KS3 Science Revision Guide pages: 67</i>
Metals & their Behaviour (Chemistry)	<ul style="list-style-type: none"> • how a reactivity series of metals can be determined by considering these reactions, and used to make predictions about other reactions • <i>KS3 Science Revision Guide pages: 64, 65</i>
Green Plants (Biology)	<ul style="list-style-type: none"> • that plants need carbon dioxide, water and light for photosynthesis, and produce biomass and oxygen • to summarise photosynthesis in a word equation • <i>KS3 Science Revision Guide pages: 21, 22</i>
Green Plants (Biology)	<ul style="list-style-type: none"> • that nitrogen and other elements, in addition to carbon, oxygen and hydrogen are required for plant growth • the role of root hairs in absorbing water and minerals from the soil • that plants carry out aerobic respiration. • <i>KS3 Science Revision Guide pages: 23</i>
Ecology (Biology)	<ul style="list-style-type: none"> • about ways in which living things and the environment can be protected, and the importance of sustainable development • that habitats support a diversity of plants and animals that are interdependent • <i>KS3 Science Revision Guide pages: 34, 35, 36</i>
Ecology (Biology)	<ul style="list-style-type: none"> • how some organisms are adapted to survive daily and seasonal changes in their habitats • <i>KS3 Science Revision Guide pages: 34, 35</i>
EXAMS	<ul style="list-style-type: none"> • EXAMS
Ecology (Biology)	<ul style="list-style-type: none"> • how predation and competition for resources affect the size of populations [e.g. <i>bacteria, growth of vegetation</i>] • <i>KS3 Science Revision Guide pages: 37, 38, 39</i>
	<ul style="list-style-type: none"> •
	<ul style="list-style-type: none"> •