

Half-term five April – May

Year 11 Science Revision

Lesson	Instructions	Resources	Curriculum
1	<p>Cells and Microscopes</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Animal cells - Cell structure - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Primrose Kitten Video</p> <p>PowerPoint</p>	Revision for Biology paper
2	<p>Enzymes</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>What are enzymes? - Enzymes - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Primrose Kitten Video</p> <p>PowerPoint</p>	Revision for Biology paper
3	<p>Meiosis, mitosis and growth</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>DNA and chromosomes - Cell division - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Meiosis - Reproduction, the genome and gene expression - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Primrose Kitten Video</p> <p>PowerPoint</p>	Revision for Biology paper
4	<p>Heart, blood and blood vessels</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Blood - Cellular respiration and transport - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Primrose Kitten Video</p> <p>Primrose Kitten Video</p> <p>PowerPoint</p>	Revision for Biology paper
5	<p>Natural selection and selective breeding</p> <p>Use the revision mat, the BBC Bitesize link and the</p>	<p>Darwin's theory of evolution - Evolution - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>PowerPoint</p>	Revision for Biology paper

	video to help you revise the topic.	Free Science Lessons Video	
6	<p>Respiration and gas exchange</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Diffusion - Gas exchange in animals - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Cellular respiration - Cellular respiration and transport - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Free Science Lessons Video</p>	Revision for Biology paper
7	<p>DNA and classification</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Linnaean system of classification - Evolution - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>PowerPoint</p> <p>From DNA to genomes - Reproduction, the genome and gene expression - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Free Science Lessons Video</p> <p>Free Science Lessons Videos</p>	Revision for Biology paper
8	<p>Plants</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Plant structures and their functions - GCSE Science Revision - Edexcel - BBC Bitesize</p> <p>PowerPoint</p> <p>Primrose Kitten Video</p>	Revision for Biology paper
9	<p>Atomic structure and periodic table</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Developing models of atoms - Atomic structure - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>PowerPoint 1</p> <p>PowerPoint 2</p> <p>Mendeleev's periodic table - The periodic table - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p>	Revision for Chemistry paper

		Groups in the periodic table - GCSE Science Revision - Edexcel - BBC Bitesize Primrose Kitten Video	
10	<p>Separation techniques</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	Pure substances and mixtures - Separation and purification - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize PowerPoint Primrose Kitten Video Primrose Kitten Video	Revision for Chemistry paper
11	<p>Crude oil and fractional distillation</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	Crude oil and hydrocarbons - Fuels - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize PowerPoint Primrose Kitten Video	Revision for Chemistry paper
12	<p>Bonding and calculations</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	Relative formula mass - Calculations for all students - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize PowerPoint Work Sheet The mole - Higher - Higher tier only calculations - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize Primrose Kitten Video Primrose Kitten Video Free Science Lessons Video Free Science Lessons Video	Revision for Chemistry paper

13	<p>Rates of reaction</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>What is a rate of reaction? - Rates of reaction - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>PowerPoint</p> <p>Primrose Kitten Video</p>	Revision for Chemistry paper
14	<p>Equations, hazards symbols and tests</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Chemical symbols - Formulae and equations - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>PowerPoint</p> <p>Hazard symbols - Hazards and risks - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Primrose Kitten Video</p> <p>Primrose Kitten Video</p> <p>Primrose Kitten Video</p> <p>Primrose Kitten Video</p>	Revision for Chemistry paper
15	<p>Atmosphere</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>The Earth's early atmosphere - Earth and atmospheric science - Edexcel - GCSE Combined Science Revision - Edexcel - BBC Bitesize</p> <p>Primrose Kitten Video</p> <p>Primrose Kitten Video</p> <p>Primrose Kitten Video</p>	Revision for Chemistry paper
16	<p>Particle model</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>The particle model - GCSE Science Revision - Edexcel - BBC Bitesize</p> <p>Free Science Lessons Video</p>	Revision for Physics paper
17	<p>Forces and motion</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Motion and forces - GCSE Science Revision - Edexcel - BBC Bitesize</p> <p>Sheet</p> <p>Sheet 2</p> <p>Primrose Kitten Video</p>	Revision for Physics paper

		Primrose Kitten Video	
18	<p>Waves</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Waves - GCSE Science Revision - Edexcel - BBC Bitesize Sheet</p> <p>Primrose Kitten Video</p>	Revision for Physics paper
19	<p>EM spectrum</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Light and the EM spectrum - GCSE Science Revision - Edexcel - BBC Bitesize Sheet</p> <p>Primrose Kitten Video</p>	Revision for Physics paper
20	<p>Energy transfers and efficiency</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Conservation of energy - GCSE Science Revision - Edexcel - BBC Bitesize Sheet</p> <p>Primrose Kitten Video</p> <p>Primrose Kitten Video</p>	Revision for Physics paper
21	<p>Energy – forces doing work</p> <p>Use the revision mat, the BBC Bitesize link and the video to help you revise the topic.</p>	<p>Forces doing work - GCSE Science Revision - Edexcel - BBC Bitesize Sheet</p> <p>Primrose Kitten Video</p>	Revision for Physics paper

Please email any queries and completed work to your Biology teacher.

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