

# Kings Priory School

## Biology Homework Mapping



### Key

	Consolidation task (mandatory)		Extended task (opt in)
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Year	Autumn	Spring	Summer
<b>9</b>	<p><b>Retrieval:</b></p> <p>First half term: GCSE Pod: Watch GCSE pod 4.1.1 Cell structure and 4.1.3 4.1.3 transport in cells</p> <p>2nd half term: Watch GCSE pod 4.1.2 Cell Division</p> <p>Retrieval: Complete the Cell structure revision mat on Google Classroom</p> <p>Complete the Cell Division revision mat on Google Classroom</p> <p>Complete Kerboodle exam style questions on Chapter 1 on Google Classroom, use the mark scheme to mark questions.</p> <p>Complete the Kerboodle exam style questions on Chapter 2 on Google Classroom, use the mark scheme to mark questions.</p>	<p>Triple/Higher: Organisation in animals- 6 mark exam question on digestion</p> <p>Foundation: Exam style questions on digestion</p> <p>GCSE Pod: Watch GCSE pod 4.2.2 Animal tissues, organs and organ systems.</p> <p>Complete the Kerboodle exam style questions on Chapter 3 on Google Classroom, use the mark scheme to mark questions.</p>	<p>Watch GCSE pod 4.2.3 plant tissues, organs and systems</p> <p>Complete the Kerboodle exam style questions on Chapter 4 on Google Classroom, use the mark scheme to mark questions.</p>
<b>10</b>	<p>Semmelweis letter to a peer</p> <p>GCSE Pod 4.3.1 (Communicable Disease) / 4.3.2 (Monoclonal Antibodies TRIPLE ONLY) / 4.3.3 (Plant Disease) /</p> <p>Prior content:</p>	<p>Respiration revision task to summarise Chapter 9</p> <p>GCSE Pod 4.4.1 (Photosynthesis) / 4.4.2 (Respiration)</p> <p>Prior content:</p>	<p><b>Prior content:</b></p> <p>Follow the link to Maths and Physics Tutor (<a href="https://www.physicsandmathstutor.com">AQA GCSE Biology Topic 4: Bioenergetics Revision - PMT (physicsandmathstutor.com)</a>). Find the past paper questions on photosynthesis and respiration. Answer and use the mark schemes to check your answer.</p>

	<p>Follow the link to Maths and Physics Tutor (<a href="#">AOA GCSE Biology Topic 1: Cell Biology Revision - PMT (physicsandmathstutor.com)</a>). Find the past paper questions on Cell Structure, cell division and transport in cells. Answer and use the mark schemes to check your answer.</p>	<p>Follow the link to Maths and Physics Tutor (<a href="#">AOA GCSE Biology Topic 2: Organisation Revision - PMT (physicsandmathstutor.com)</a>). Find the past paper questions on Organs and systems. Answer and use the mark schemes to check your answer.</p>	
11	<p>Triple only - dialysis vs kidney transplant evaluation</p> <p>GCSE Pod 4.6.1 (Reproduction) / 4.6.2 (Variation &amp; Evolution) / 4.6.3 (Development of Evolution)</p> <p>Watch Gresham lectures – Evolution - <a href="https://www.gresham.ac.uk/watch-now/evolution-chance">https://www.gresham.ac.uk/watch-now/evolution-chance</a></p> <p>Watch Gresham lectures - A history of evolution - <a href="https://www.gresham.ac.uk/watch-now/evolutionary-thinking">https://www.gresham.ac.uk/watch-now/evolutionary-thinking</a></p> <p>Prior content: Follow the link to Maths and Physics Tutor (<a href="#">AOA GCSE Biology Topic 5: Homeostasis and Response Revision - PMT (physicsandmathstutor.com)</a>). Find the past paper questions on Homeostasis and the human nervous system. Answer and use the mark schemes to check your answer. If you have any questions go and ask your Biology teacher.</p>	<p>Triple - Chapter 18 self-study task Combined - guided self-study to include some lesson time</p> <p>GCSE Pod 4.6.4 (Classification) / 4.7.1 (Adaptations) / 4.7.2 (Organisation of an Ecosystem) / 4.6.3 (Biodiversity) / 4.7.4 (Trophic levels) / 4.7.5 (Food Production)</p> <p>Plastic and the environment article - <a href="https://www.theguardian.com/environment/2023/sep/28/plastic-eating-bacteria-enzyme-recycling-waste">https://www.theguardian.com/environment/2023/sep/28/plastic-eating-bacteria-enzyme-recycling-waste</a> Audio: <a href="https://www.theguardian.com/news/audio/2023/nov/03/we-are-just-getting-started-the-plastic-eating-bacteria-that-could-change-the-world-podcast">https://www.theguardian.com/news/audio/2023/nov/03/we-are-just-getting-started-the-plastic-eating-bacteria-that-could-change-the-world-podcast</a></p> <p>Rethinking evolution article: <a href="https://www.newscientist.com/article/2406410-the-2023-discoveries-that-made-us-rethink-the-story-of-human-evolution/">https://www.newscientist.com/article/2406410-the-2023-discoveries-that-made-us-rethink-the-story-of-human-evolution/</a></p> <p>Prior content: Follow the link to Maths and Physics Tutor (<a href="#">AOA GCSE Biology Topic 5: Homeostasis and Response Revision - PMT (physicsandmathstutor.com)</a>). Find the past paper questions on hormonal coordination in humans.</p>	

<p><b>12</b></p>	<p>Half term 1: Biological molecules homework book of exam style questions</p> <p>Magnification worksheet</p> <p>Cell fractionation exam questions</p> <p>Half term 2: More biological molecules homework book of exam style questions</p> <p>Transport across membranes exam questions</p> <p>Royal Institution Christmas lectures - <a href="https://www.bbc.co.uk/iplayer/episode/m001gmt0/royal-institution-christmas-lectures-2022-dame-sue-black-1-dead-body">https://www.bbc.co.uk/iplayer/episode/m001gmt0/royal-institution-christmas-lectures-2022-dame-sue-black-1-dead-body</a></p> <p>Royal Institution Christmas lectures - <a href="https://www.bbc.co.uk/iplayer/episode/m001tv7s/royal-institution-christmas-lectures-2023-professor-mike-wooldridge-the-truth-about-ai-1-how-to-build-an-intelligent-machine">https://www.bbc.co.uk/iplayer/episode/m001tv7s/royal-institution-christmas-lectures-2023-professor-mike-wooldridge-the-truth-about-ai-1-how-to-build-an-intelligent-machine</a></p>	<p>Half term 1: Protein synthesis homework book of exam style questions</p> <p>Immunity booklet exam questions</p> <p>MMR Vaccine - extended response</p> <p>Gresham lectures – TB - <a href="https://www.gresham.ac.uk/watch-now/tb-history">https://www.gresham.ac.uk/watch-now/tb-history</a></p> <p>Half term 2: Genetic diversity and meiosis homework book of exam style questions</p> <p>Gresham lectures – Surgery - <a href="https://www.gresham.ac.uk/watch-now/lone-heroic-surgeon">https://www.gresham.ac.uk/watch-now/lone-heroic-surgeon</a></p> <p>Plastic and the environment article - <a href="https://www.theguardian.com/environment/2023/sep/28/plastic-eating-bacteria-enzyme-recycling-waste">https://www.theguardian.com/environment/2023/sep/28/plastic-eating-bacteria-enzyme-recycling-waste</a> Audio: <a href="https://www.theguardian.com/news/audio/2023/nov/03/we-are-just-getting-started-the-plastic-eating-bacteria-that-could-change-the-world-podcast">https://www.theguardian.com/news/audio/2023/nov/03/we-are-just-getting-started-the-plastic-eating-bacteria-that-could-change-the-world-podcast</a></p>	<p>Half term 1: Biodiversity book of exam style questions</p> <p>Gresham lectures – Evolution - <a href="https://www.gresham.ac.uk/watch-now/evolution-chance">https://www.gresham.ac.uk/watch-now/evolution-chance</a></p> <p>Gresham lectures - A history of evolution - <a href="https://www.gresham.ac.uk/watch-now/evolutionary-thinking">https://www.gresham.ac.uk/watch-now/evolutionary-thinking</a></p> <p>Royal Society of Biology <i>The Biologist</i> - <a href="https://www.rsb.org.uk/biologist-features">https://www.rsb.org.uk/biologist-features</a></p>
<p><b>13</b></p>	<p>Half term 1: Photosynthesis homework book of exam style questions.</p> <p>Rethinking evolution article: <a href="https://www.newscientist.com/article/2406410-the-2023-discoveries-that-made-us-rethink-the-story-of-human-evolution/">https://www.newscientist.com/article/2406410-the-2023-discoveries-that-made-us-rethink-the-story-of-human-evolution/</a></p> <p>Half term 2: Respiration homework book of exam style questions</p> <p>Infinite monkey cage: <a href="https://www.bbc.co.uk/programmes/b00snr0w">https://www.bbc.co.uk/programmes/b00snr0w</a></p> <p>Misc podcast ideas: <a href="https://www.rsb.org.uk/biologist-features/12-of-the-best-podcasts-for-biologists">https://www.rsb.org.uk/biologist-features/12-of-the-best-podcasts-for-biologists</a></p>	<p>Half term 1: Inheritance homework book of exam style questions.</p> <p>Gresham lectures – Turing &amp; Biology - <a href="https://www.gresham.ac.uk/watch-now/turing-biology">https://www.gresham.ac.uk/watch-now/turing-biology</a></p> <p>Half term 2: Populations &amp; Evolution homework book of exam style questions</p> <p>Gresham lectures – Gene Editing - <a href="https://www.gresham.ac.uk/watch-now/gene-editing-law">https://www.gresham.ac.uk/watch-now/gene-editing-law</a></p>	