

**Mapping grid showing how the OCR AS Level Biology specification (for first teaching in 2008) is covered by Boardworks AS Biology**

<b>Unit 1. Cells, exchange and transport</b>	
<b>Topic 1.1 Cells</b>	<b>Boardworks AS Biology presentation title</b>
<b>1.1.1</b> Cell Structure	<ul style="list-style-type: none"> <li>• Cell Structure</li> </ul>
<b>1.1.2</b> Cell Membranes	<ul style="list-style-type: none"> <li>• Cell Membranes</li> <li>• Transport Across Membranes</li> </ul>
<b>1.1.3</b> Cell Division, Cell Diversity and Cellular Organisation	<ul style="list-style-type: none"> <li>• Cell Division</li> </ul>
<b>Topic 1.2 Exchange and Transport</b>	<b>Boardworks AS Biology presentation title</b>
<b>1.2.1</b> Exchange Surfaces and Breathing	<ul style="list-style-type: none"> <li>• Gas Exchange</li> </ul>
<b>1.2.2</b> Transport in Animals	<ul style="list-style-type: none"> <li>• The Heart</li> <li>• Circulation and Blood</li> <li>• Gas Exchange</li> </ul>
<b>1.2.3</b> Transport in Plants	<ul style="list-style-type: none"> <li>• Transport in Plants</li> </ul>

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## Unit 2. Molecules, biodiversity, food and health

Topic 2.1 Biological Molecules	Boardworks AS Biology presentation title
2.1.1 Biological Molecules	<ul style="list-style-type: none"> <li>• Biological Molecules: Water and Carbohydrates</li> <li>• Biological Molecules: Proteins and Lipids</li> </ul>
2.1.2 Nucleic Acids	<ul style="list-style-type: none"> <li>• Nucleic Acids and the Genetic Code</li> </ul>
2.1.3 Enzymes	<ul style="list-style-type: none"> <li>• Enzymes</li> </ul>
Topic 2.2 Food and Health	Boardworks AS Biology presentation title
2.2.1 Diet and Food Production	<ul style="list-style-type: none"> <li>• Lifestyle and Disease</li> </ul>
2.2.2 Health and Disease	<ul style="list-style-type: none"> <li>• Immunology</li> <li>• Infectious Diseases</li> <li>• Lifestyle and Disease</li> </ul>
Topic 2.3 Biodiversity and Evolution	Boardworks AS Biology presentation title
2.3.1 Biodiversity	<ul style="list-style-type: none"> <li>• Variation</li> <li>• Biodiversity</li> </ul>
2.3.2 Classification	<ul style="list-style-type: none"> <li>• Classification</li> </ul>
2.3.3 Evolution	<ul style="list-style-type: none"> <li>• Variation</li> </ul>
2.3.4 Maintaining Biodiversity	<ul style="list-style-type: none"> <li>• Biodiversity</li> <li>• Conservation</li> </ul>