

## IBDP HL Biology – Easter Revision Programme

Course programme for IBDP HL Biology

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### Day 1

Time	Topic
9.00-10.45	<ul style="list-style-type: none"><li>• <b>Cells</b><ul style="list-style-type: none"><li>○ Origin of cells</li><li>○ Cell structure</li><li>○ Organelles</li><li>○ Viruses</li></ul></li></ul>
10.45-11.15	Break
11.15-1.00	<ul style="list-style-type: none"><li>• <b>Biochemistry</b><ul style="list-style-type: none"><li>○ Enzymes</li><li>○ Membranes</li><li>○ Neural signalling</li></ul></li></ul>
13.00-14.00	Lunch
14.00-15.15	<ul style="list-style-type: none"><li>• <b>Gene expression</b><ul style="list-style-type: none"><li>○ Protein synthesis</li><li>○ Gene expression</li><li>○ Cell specialisation</li><li>○ Mutations</li></ul></li></ul>
15.15-15.30	Break
15.30-16.30	Focus on <b>extended response</b>

### Day 2

Time	Topic
9.00-10.45	<ul style="list-style-type: none"><li>• <b>Animal physiology 1</b><ul style="list-style-type: none"><li>○ Muscles</li><li>○ Gas exchange</li><li>○ Transport in animals</li></ul></li></ul>
10.45-11.15	Break

11.15-1.00	<ul style="list-style-type: none"> <li>• <b>Animal physiology 2</b> <ul style="list-style-type: none"> <li>○ Homeostasis,</li> <li>○ Defence against Disease</li> <li>○ Endocrine System</li> </ul> </li> </ul>
1.00-2.00	Lunch
2.00-3.15	<ul style="list-style-type: none"> <li>• <b>Reproduction</b></li> <li>• <b>Inheritance</b></li> </ul>
3.15-3.30	Break
3.30-4.30	<ul style="list-style-type: none"> <li>• <b>Chemical signalling</b></li> </ul>

### Day 3

Time	Topic
9.00-11.00	<ul style="list-style-type: none"> <li>• <b>Respiration</b></li> <li>• <b>Photosynthesis</b></li> </ul>
11.00-11.15	Break
11.15-1.00	<ul style="list-style-type: none"> <li>• <b>Cell Division</b> <ul style="list-style-type: none"> <li>○ DNA replication</li> <li>○ Mitosis</li> <li>○ Meiosis</li> </ul> </li> </ul>
1.00-2.00	Lunch
2.00-3.00	Focus on <b>data analysis</b>
3.00-3.15	Break
3.15-4.00	Q&A