

## Continuity Curriculum

*An online shadow curriculum for students temporarily out of lessons to ensure continuity of learning*

### Year 11 – Biology Combined

Week Beginning	Lesson Title	Lesson Objective	Online Lesson Link	Any additional instructions?
8 <sup>th</sup> September	<b>Lesson 1:</b> <b>Reaction Time</b>	On video	<a href="#">Human reaction time: practical Higher AQA KS4   Y10 Biology Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
	<b>Lesson 2:</b> <b>Hormonal Response</b>	On video	<a href="#">The human endocrine system Higher AQA KS4   Y10 Combined science Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
	<b>Lesson 1:</b> <b>Homeostasis</b>	On video	<a href="#">Insulin and the control of blood sugar level Higher AQA KS4   Y10 Combined science Lesson</a>	Watch video and complete any tasks into your workbook. Then

15 <sup>th</sup> September			<a href="#">Resources   Oak National Academy</a>	complete worksheet found below the lesson video.
	<b>Lesson 2:</b> <b>Blood glucose control</b>	On video	<a href="#">Insulin, glucagon and the control of blood sugar level Higher AQA KS4   Y10 Combined science Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
22 <sup>nd</sup> September	<b>Lesson 1:</b> <b>Diabetes</b>	On video	<a href="#">Type 1 and type 2 diabetes Higher AQA KS4   Y10 Combined science Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
	<b>Lesson 2:</b> <b>Reproductive hormones</b>	On video	<a href="#">Hormones: puberty, the menstrual cycle and the menopause Higher AQA KS4   Y11 Combined science Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.

29 <sup>th</sup> September	<b>Lesson 1:</b>  <b>Fertility treatments</b>	On video	<a href="#"><u>Using hormones to treat infertility Higher AQA KS4   Y11 Combined science Lesson Resources   Oak National Academy</u></a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
	<b>Lesson 2:</b>  <b>Contraception</b>	On video	<a href="#"><u>Hormonal and non-hormonal methods of contraception Higher AQA KS4   Y11 Combined science Lesson Resources   Oak National Academy</u></a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
6 <sup>th</sup> October	<b>Lesson 1:</b>  <b>Meiosis and Fertilisation</b>	On video	<a href="#"><u>Making gametes: meiosis Higher AQA KS4   Y10 Combined science Lesson Resources   Oak National Academy</u></a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
	<b>Lesson 2:</b>	On video	<a href="#"><u>Making gametes: meiosis Higher AQA KS4   Y10 Combined science Lesson</u></a>	Watch video and complete any tasks into your workbook. Then

	<b>Sexual and asexual reproduction</b>		<a href="#">Resources   Oak National Academy</a>	complete worksheet found below the lesson video.
13 <sup>th</sup> October	<b>Lesson 1:</b>  <b>Genes, DNA, chromosomes</b>	On video	<a href="#">The genome, the environment and phenotype Higher AQA KS4   Y10 Combined science Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
	<b>Lesson 2:</b>  <b>Genetic Inheritance</b>	On video	<a href="#">Models of single-gene inheritance: Punnett squares Higher AQA KS4   Y10 Combined science Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.
20 <sup>th</sup>	<b>Lesson 1:</b>  <b>Inherited Disorders</b>	On video	<a href="#">Models of single-gene inheritance: family tree diagrams Higher AQA KS4   Y10 Combined science Lesson</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.

October			<a href="#">Resources   Oak National Academy</a>	
	<b>Lesson 2:</b> <b>Sex and Family Trees</b>	On video	<a href="#">Models of single-gene inheritance: family tree diagrams Higher AQA KS4   Y10 Combined science Lesson Resources   Oak National Academy</a>	Watch video and complete any tasks into your workbook. Then complete worksheet found below the lesson video.