

Half-term two November – December

Year 11 Biology – Exchange and transport

Lesson	Instructions	Resources	Curriculum
1	<p>What substances to organisms need to exchange with the environment?</p> <p>Work through the booklet pages using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u></p> <p><u>Information</u></p> <p><u>Tasks</u></p>	Biology topic 8: Exchange and transport in animals
2	<p>Surface area to volume ratio</p> <p>Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC bitesize</u></p> <p><u>Oak Academy: Surface area to volume ratio and exchange</u></p> <p><u>Information</u></p> <p><u>Tasks</u></p>	Biology topic 8: Exchange and transport in animals
3	<p>Investigating osmosis</p> <p>Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u></p> <p><u>Oak Academy lesson: Investigating osmosis</u></p> <p><u>Information</u></p> <p><u>Tasks</u></p>	Biology topic 8: Exchange and transport in animals
4	<p>Gas exchange in mammals</p> <p>Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u></p> <p><u>Oak Academy lesson: The lungs</u></p> <p><u>Information</u></p> <p><u>Tasks</u></p>	Biology topic 8: Exchange and transport in animals

5	<p><u>Blood</u> Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u> <u>Information Tasks</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>
6	<p><u>The circulatory system</u> Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u> <u>Information Tasks</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>
7	<p><u>The Heart</u> Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u> <u>Oak Academy lesson: The heart</u> <u>Information Tasks</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>
8	<p><u>Non communicable diseases review</u> Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u> <u>Information Tasks</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>
9	<p><u>Aerobic respiration</u> Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u> <u>Oak Academy lesson: Respiration</u> <u>Information Tasks</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>
10	<p><u>Anaerobic respiration</u> Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u> <u>Oak Academy lesson: Anaerobic respiration</u> <u>Information Tasks</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>

11	<p><u>Investigating respiration</u> Work through the tasks from the pages in your booklet using the PowerPoint slides to help</p>	<p><u>BBC Bitesize</u> <u>Information Tasks</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>
12	<p><u>Revision</u> Complete the revision placemats and cross word</p>	<p><u>BBC Bitesize</u> <u>PowerPoint</u></p>	<p>Biology topic 8: Exchange and transport in animals</p>

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

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