

## Half-term four February – March

### Year 11 Biology – Topic 9 Ecosystems and material cycles

Lesson	Instructions	Resources	Curriculum
1	<p><b>Ecosystems, communities and populations</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><a href="#">BBC Bitesize link</a></p> <p><a href="#">Oak academy communities</a></p> <p><a href="#">PowerPoint Task</a></p>	Topic 9: Ecosystems and material cycles
2	<p><b>Factors affecting populations</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><a href="#">BBC Bitesize link</a></p> <p><a href="#">Oak academy abiotic and biotic factors</a></p> <p><a href="#">Oak academy adaptations</a></p> <p><a href="#">PowerPoint Task</a></p>	Topic 9: Ecosystems and material cycles
3	<p><b>Interdependence</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><a href="#">BBC Bitesize link</a></p> <p><a href="#">PowerPoint Task</a></p>	Topic 9: Ecosystems and material cycles
4	<p><b>Sampling populations 1</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><a href="#">BBC Bitesize link</a></p> <p><a href="#">Oak academy sampling populations</a></p> <p><a href="#">PowerPoint Task</a></p>	Topic 9: Ecosystems and material cycles
5	<p><b>Sampling populations 2</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><a href="#">BBC Bitesize link</a></p> <p><a href="#">Oak academy sampling populations 2</a></p> <p><a href="#">Task</a></p>	Topic 9: Ecosystems and material cycles

6	<p><b>Sampling populations 3</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><u><a href="#">Task</a></u></p>	<p>Topic 9: Ecosystems and material cycles</p>
7	<p><b>Biodiversity</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><u><a href="#">BBC Bitesize link</a></u></p> <p><u><a href="#">Oak academy biodiversity</a></u></p> <p><u><a href="#">PowerPoint Task</a></u></p>	<p>Topic 9: Ecosystems and material cycles</p>
8	<p><b>The Carbon cycle</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><u><a href="#">BBC Bitesize link</a></u></p> <p><u><a href="#">Oak academy cycles</a></u></p> <p><b>PowerPoint Task</b></p>	<p>Topic 9: Ecosystems and material cycles</p>
9	<p><b>The Nitrogen cycle</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><u><a href="#">BBC Bitesize link</a></u></p> <p><u><a href="#">Oak academy cycles</a></u></p> <p><u><a href="#">PowerPoint Task</a></u></p>	<p>Topic 9: Ecosystems and material cycles</p>
10	<p><b>Eutrophication</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><u><a href="#">BBC Bitesize link</a></u></p> <p><u><a href="#">PowerPoint Task</a></u></p>	<p>Topic 9: Ecosystems and material cycles</p>
11	<p><b>The water cycle</b></p> <p>Work through the tasks (in the resources column) using the PowerPoint slides to help</p>	<p><u><a href="#">BBC Bitesize link</a></u></p> <p><u><a href="#">Oak academy cycles</a></u></p> <p><u><a href="#">PowerPoint Task</a></u></p>	<p>Topic 9: Ecosystems and material cycles</p>

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

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