



# Year 3 Home Learning – Science Bundle

If you are not in school, please start with lesson 1 and work your way through the lessons. If the lessons are short, you can complete more than one. Our expectation is that you spend an hour a day on your work in this subject.

## Plants

<b>Lesson Title</b> Record this in your book with today's date	<b>Overview</b>	<b>Link to Lesson</b>	<b>Task</b>
<b>Lesson 1 – What conditions could we change to investigate the growth of a plant?</b>	In this lesson we are going to learn about what plants need to grow. Then we will learn about variables in order to set up a simple experiment to test the effect of water on the growth of a plant.	<a href="#">Click here to go to the lesson</a>	<ol style="list-style-type: none"><li>1. Before you start, create a glossary. You can add the star words and any other scientific vocabulary you come across and their meanings</li><li>2. Write the start of the investigation following the prompts from the lesson.</li></ol> <b>Challenge</b> Make a prediction – what do you think will happen to the plants and why?
<b>Lesson 2 – What are the parts and functions of a plant?</b>	In this lesson, we will learn the five basic parts of a plant and write a conclusion for our practical experiment.	<a href="#">Click here to go to the lesson</a>	<ol style="list-style-type: none"><li>1. Add any new vocabulary to the glossary – include vocab for functions of a plant.</li></ol>



## Hamstel at Home

			<p>2. Write the results and conclusion for the experiment</p> <p><b>Challenge</b> Set up your own experiment with 2 identical plants. What will happen if one plant is kept in a cupboard for a week? (Make sure they are both watered the same amount.) Take a photo of your plants and write a prediction.</p>
<p><b>Lesson 3 – What are the parts and functions of a flower?</b></p>	<p>In this lesson we will identify the flowering parts of a plant and learn about their functions.</p>	<p><a href="#">Click here to go to the lesson</a></p>	<p>1. Add the star words to your glossary. 2. Draw and label the parts of a flower.</p> <p><b>Challenge</b> Pick a flower, take it apart then find and label the different parts. *Ask an adult's permission first.*</p>
<p><b>Lesson 4 – What are the parts of a plant's life cycle?</b></p>	<p>In this lesson, we will learn about each stage of the life cycle of a plant.</p>	<p><a href="#">Click here to go to the lesson</a></p>	<p>1. Add the star words to your glossary. 2. Draw the life cycle of a plant</p> <p><b>Challenge</b> What is seed dispersal? What different ways are seeds dispersed?</p>
<p><b>Lesson 5 – How does a plant transport water?</b></p>	<p>In this lesson, we will learn about how plants transport water internally and watch this in an experiment.</p>	<p><a href="#">Click here to go to the lesson</a></p>	<p>1. Add the star words to your glossary. 2. Draw a transpiration stream (you could use a real plant or draw one).</p>



## Hamstel at Home

			<p>3. Complete the sentences.</p> <p><b>Challenge</b> Prediction – what do you think will happen in the celery experiment and why?</p>
<p><b>Lesson 6 – How do plants adapt to different environments?</b></p>	<p>In this lesson, we will learn how plants adapt to survive in hot and cold environments.</p>	<p><a href="#">Click here to go to the lesson</a></p>	<p>1. Add the star words to your glossary. 2. Design and label your own plant which could survive in the rainforest.</p> <p><b>Challenge</b> Make a quiz on all you've been learning about plants these past 6 lessons. Write the questions and answer them too.</p>