

<b>Lesson</b>	4 of 5	<b>Key Unit Question:</b>	How do seeds and bulbs grow into healthy plants?	<b>Key Lesson Question:</b>	Where will they grow?
<b>Learning Objective</b>	<b>NC Links</b>				<b>Resources</b>
I know what plants need to grow and stay healthy.	<ul style="list-style-type: none"> <li>• find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</li> <li>• observe closely</li> </ul>				<ul style="list-style-type: none"> <li>• Differentiated activity, challenge and next step activities</li> <li>• Paper to record children's ideas</li> <li>• Cress seeds that have already started growing in cotton wool.</li> </ul>

### Teaching Input

Please note. Part of the activity requires cress seeds (or similar) that have already started to sprout so we can investigate which conditions allow them to continue to grow healthily. You may need to plant cress seeds approx. 3-5 days before this lesson.

- Thinking time. Can you make a plant? What do you have to do to make a plant? Allow time to discuss with partners before sharing ideas as a class. Record any of the children's ideas on paper to display on the science display.
- We can't make a plant. We have to grow plants. Plants grow from seeds. We looked at seeds in our last lesson. They come in all shapes and sizes. Can you guess what type of plant grows from these seeds?
- Thinking time. How can we keep plants healthy? Allow time to discuss with partners before sharing ideas as a class. Record any of the children's ideas on paper to display on the science display.
- We have some cress plants that have already started growing. We are going to put them in different places around the school and see what happens to them. We will observe the plants again in a week to see what has happened. What do you think will happen to each plant?
- Independent activity. Write predictions about what will happen to the cress plants.
- Plenary. Class discussion after one week – what happened to each plant?

### Differentiated Activities



(working below)

Draw pictures to show your predictions and observations about what you think the plants will look like after one week growing in their area.



(working at)

Write predictions about what you think the plants will look like after one week growing in their area.

### Challenge activity

If I put a plant under a running tap, it would be really healthy because it would be getting water all the time. Is this true?

### Next Step activity

Draw a picture of an area where a plant would grow healthily. Draw a picture of an area where a plant would not grow healthily.

### Assessment questions

What is a plant?  
What is a seed?  
What does a plant need?  
How can you look after a plant?

### Self assessment

I can explain what a plant needs.  
I can explain how to look after a plant.  
I can identify areas where plants will grow well.

### Key vocabulary

plant, living, same, different, sort, group, fruit, vegetable, seed, bulb, need, healthy, look after, water, sunlight, warmth, energy