

SEEDS TO TREES

KS2 Science Unit 3B

TEACHERS SHEET

HELPING SILVER BIRCH

TREE SEEDS GROW WELL

Session aim:

To allow pupils to understand the importance of planting tree seeds carefully and the requirements of tree seeds to grow into trees

Activity:

Use pupil worksheet 'Planting your silver birch seeds' to learn the process of planting a tree seed.

Use pupil worksheet 'Growing healthy trees' to distinguish the difference between a tree seed that is planted well and will grow healthily and one that has been planted badly and will struggle to grow.

QCA Curriculum links:

Unit 3B Helping plants grow well

Section 6: Leaves, stems and roots

'Children should learn: that plants need healthy roots, leaves and stems to grow well'

Extension activities

- Ideally this activity is followed by a hands-on experience of tree planting. This could be at an organised tree planting, or planting trees in the school grounds.
- Pupils could find out more information about what other plants need to help them grow. They could then explore the similarities and differences between those and the needs of a tree to grow.



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PUPIL WORKSHEET

HELPING SILVER BIRCH SEED GROW WELL - PLANTING YOUR SILVER BIRCH SEED

Draw a picture in each of the boxes below to explain the process:

<p>1. Put a few stones in the bottom of a pot to help the water drain out.</p>	<p>2. Put compost or soil in the pot until 2/3 full. Water the soil.</p>	<p>3. Sprinkle a pinch of silver birch seeds on top of the soil (the seedlings can be thinned out when they germinate).</p>
<p>4. Cover the seeds with a layer of soil so that they are hidden.</p>	<p>5. Place a plastic bag over the pot and fasten it tightly. Put the pot in a sunny place.</p>	<p>6. It could take a few months for your seeds to start growing. As soon as the seedlings appear, remove the plastic bag. Water the seedlings once or twice a week.</p>
<p>7. If you have more than one seedling in each pot, gently move each seedling to a new pot, taking care not to damage any part of it. This will give your trees space to grow properly.</p>	<p>8. In the summer put your seedling outside if you can. In autumn, plant it in the ground where you want it to grow.</p>	<p>9. Dig a hole a bit larger than the pot. Gently lift out the seedling and its soil from the pot and place in the hole. Water it well.</p>