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Post-excursion resource

Farm Footprint

The Early Years, Level A–D, Foundation – Level 2



Kindergarten – Year 2

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The Early Years, Level A–D (Towards Foundation), Foundation – Level 2

1 Activity description

Students learn about the passionate people who work in the horticulture industry and the footprint they have made in the past and make in the present in producing fresh fruit from land to lunchbox. Students explore the job roles of an agricultural scientist, orchardist, engineer, farmhand and research scientist. They make paper craft mobiles of their favourite job to display around the classroom.



Jobs in horticulture Past, present and future

Materials required

- Worksheet: Farm Footprint (photocopy the worksheet on thin cardboard, in a variety of colours, 1 per student)
- Worksheet: Jobs at the Orchard (photocopy the worksheet on cardboard, ready to decorate, 1 per student)
- Sticky tape
- Icy pole sticks (2 sticks per student)
- Glue
- String/wool in various lengths
- Textas
- Pencils
- Scissors
- Colourful craft paper
- Range of fabric and buttons
- Hole puncher



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Instructions

- 1. As a whole group, discuss the excursion to the orchard and the people you met.
- 2. Discuss the names of the job they undertook, their job titles, what clothing they wore and any additional safety equipment or clothing the group saw.
- 3. Discuss if the jobs at the orchard were the same in the past and how they might change in the future. What has changed?
- 4. Using the background information provided at the end of this resource, discuss the roles of a research scientist, agricultural scientist, orchardist, farmhand and engineer.
- 5. Ask the students which job role would suit them best. If they worked in the horticulture industry, what would they choose to be?
- 6. Hand out a Jobs at the Orchard worksheet to each student. The aim is for each student to decorate a cardboard person in the work uniform of their choice, to create their own paper craft mobile.
- 7. Using the two icy pole sticks, make an X and tie together. This will form the top of the mobile.
- 8. Using the Farm Footprint worksheet, each student cuts out the footprints and adds them to their mobile.
- 9. Using the materials provided and the worksheet, create an artistic mobile to display around the classroom.

\oslash Suggestions for assessment

Student's ability to work independently, follow instructions and use fine motor skills to cut, glue, colour and attach string to mobile. Display completed mobiles around the classroom.

Curriculum links

Visual Arts

Explore ideas, experiences, observations and imagination and express them through subject matter in visual artworks they create (VCAVAE021).

Create and display artworks to express ideas to an audience (VCAVAP023).

The Humanities

The history of a significant person, building, site or part of the natural environment in the local community and what it reveals about the past (VCHHK063).



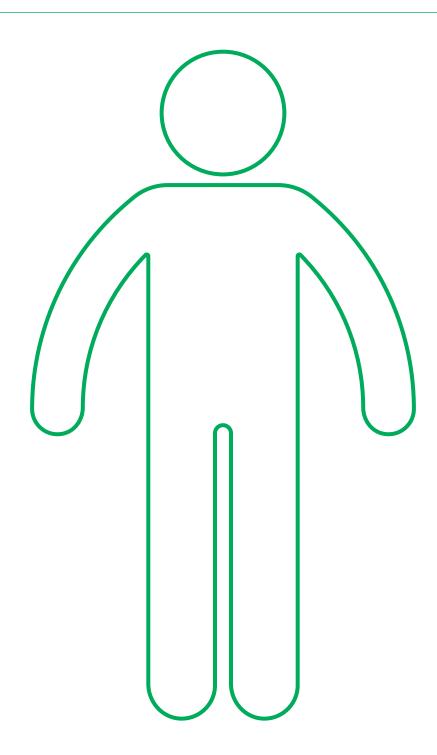
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Worksheet: Jobs at the Orchard

If I worked in the horticulture industry, I would like to be a

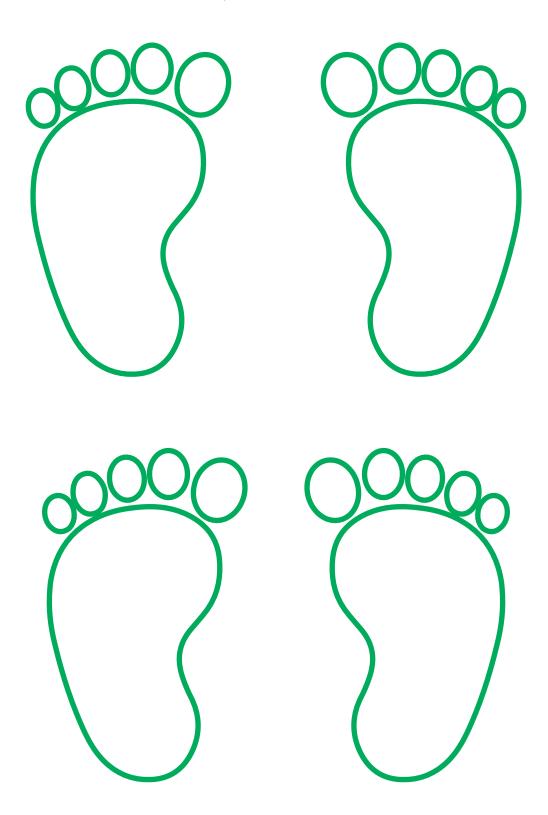


Decorate your person in the clothes that you think they would wear to work. Once complete, cut out and add to your mobile.

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Worksheet: Farm Footprint

People who work in the horticulture industry are the footprints of our past, present and future. Cut out each footprint and attach each one to your mobile.



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🕮 Background information

Research scientist

Someone who works in science research and development. Often works inside, or in a laboratory. They solve problems in areas such as plant breeding, growth, protection and storage.

They need to meet the demands of the horticultural industry to produce a continual variety of products, that can be available to the consumer all year round, with increased resistance to disease and pests.

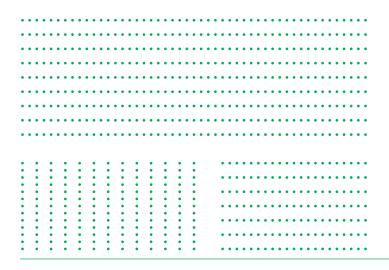
Agricultural scientist

Agricultural scientists study factors affecting farm production, to improve the efficiency and sustainability of farms. They collect and analyse samples of produce, soil, water and other elements that may affect agricultural production.

Engineer

Agricultural engineering involves designing, developing and improving farm machinery, equipment and technology to improve a farm's efficiency. The agricultural engineer's primary goal is to ensure farms are sustainable and environmentally friendly.

While they primarily focus on agricultural land and equipment, they may also design and build different agricultural infrastructures, like warehouses, and production and processing equipment.



Orchardists

Someone who owns, manages or works on an orchard. They grow fruit or nuts on trees. They work on a variety of tasks both inside and outdoors. They build their skills over time, manage people and support workers across all roles.

Farmhand

Someone who usually works outside. Their daily tasks may include spraying and weed control, pruning, mulching, thinning, side slashing between trees, and fruit packing/packhouse duties. Additionally, they may also be asked to complete seasonal harvesting tasks and do tractor work.

