



15 Minute
Farmer
Time

TEACHER OVERVIEW

Sustainability Along the Supply Chain



Outcomes:

- Investigate how and why food and fibre are produced in managed environments. ([VCDSTC035](#))
- Generate, develop, communicate and document design ideas and processes for audiences using appropriate technical terms and graphical representation techniques. ([VCDSCD039](#))
- Negotiate criteria for success that include consideration of environmental and social sustainability to evaluate design ideas, processes and solutions. ([VCDSCD041](#))
- Living things have structural features and adaptations that help them to survive in their environment. ([VCSSU074](#))
- The growth and survival of living things are affected by the physical conditions of their environment. ([VCSSU075](#))

Lesson Description:

This 15-Minute Farmer Time invites students to consider sustainability in each of the stages of the paddock to plate supply chain. Students will have the opportunity to hear first-hand from Victorian vegetable producer, Catherine Velisha, about the impacts of changing physical conditions on vegetable crop growth, and they'll explore some of the strategies used by producers to address these impacts. Students will develop an understanding of the stages of the vegetable supply chain, before creating their own flow chart to model this. This interactive resource will engage students in some of the environmental and sustainability concerns faced by people working in each stage of the supply chain. Students will be challenged to apply their problem solving and design skills as they consider solutions to make the journey from paddock to plate more sustainable.

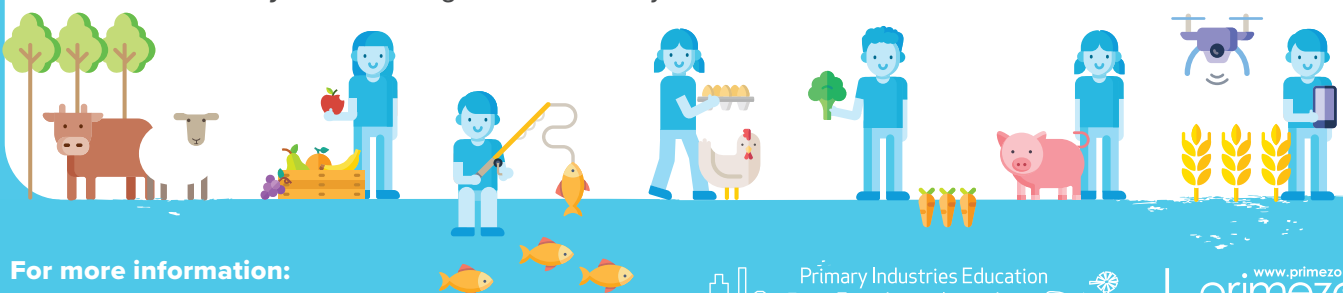
Resources:

- Internet/computer access for provided links
- Printable *Concept Cartoon Cards* (optional)
- Printable *Flowchart Worksheet* (optional)
- Printable *Design Template Worksheet*

Activity Sequence:

- **Activity 1:** Farmer Profile Read or Listen Task
- **Activity 2:** Farmer Time Video
- **Activity 3:** Create a Paddock to Plate Flowchart
- **Activity 4:** Concept Cartoon Task
- **Activity 5:** Physical Conditions Design Challenge
- **Activity 6:** Advertising for Sustainability

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Links:

- Farmer Catherine's Profile: <https://farmertime.com.au/wp-content/uploads/2021/12/Pre-Recorded-Farmer-Profiles.pdf>
- VIC Farmer Time - Vegetable Production with Farmer Catherine: https://youtu.be/_o5Z_vHM73M
- Printable Flowchart Template: <https://farmertime.com.au/wp-content/uploads/2022/02/Flowchart-template.pdf>
- Concept Cartoon Video Instructions: <https://youtu.be/trj6iNdzd3Q>
- Printable Concept Cartoon Template: <https://farmertime.com.au/wp-content/uploads/2022/03/Concept-cartoon-cards-editable.pdf>
- Printable Design Template Activity Sheet: <https://farmertime.com.au/wp-content/uploads/2022/03/Design-Challenge.pdf>
- Changes in the Physical Environment Video Instructions: <https://youtu.be/JbGuF4SQbrg>
- Advertising for Sustainability Template: <https://farmertime.com.au/wp-content/uploads/2022/03/Create-an-advertisEment.pdf>

