



15 Minute
Farmer
Time

TEACHER OVERVIEW

Physical Factors



➤ Outcomes:

- The growth and survival of living things are affected by the physical conditions of their environment (VCSSU075)
- With guidance, plan appropriate investigation types to answer questions or solve problems and use equipment, technologies and materials safely, identifying potential risks (VCSIS083)
- Decide which variables should be changed, measured and controlled in fair tests and accurately observe, measure and record data (VCSIS084)

➤ Lesson Description:

This 15 Minute Farmer Time will develop a student's understanding of how physical conditions in the environment can influence living organisms. They will participate in engaging discussions focused on their environment and view a video from a Victorian farm to observe how farmers manage physical conditions to protect their animals. Finally, students will design their own scientific investigation using the Plan It. Post It. Strategy.

➤ Resources:

- Student worksheets
- Paper and pencils
- Internet/computer access for provided links
- Sticky notes and butchers paper (optional)
- Experimental Equipment (optional see teacher's additional resource).

➤ Activity Sequence:

N.B: Links are provided on student worksheets for online learning option.

- **Activity One:** What if there was no day or night? Brainstorm
- **Activity Two:** What if there was no day or night? Concept Cartoon
- **Activity Three:** What if there was no day or night? Draw Your Own Concept Cartoon
- **Activity Four:** Farmer Paul's Profile
- **Activity Five:** Farmer Paul VIC Farmer Time and Questions
- **Activity Six:** Extension Task – Planning your Own Investigation

🌐 Links:

- **Farmer Paul's Profile:** <https://farmertime.com.au/wp-content/uploads/2021/10/Pre-Recorded-Farmer-Profiles.pdf>
- **Farmer Paul VIC Farmer Time:** <https://www.youtube.com/watch?v=CWT0w7aoqXk>

