

Stage 4 Lesson 3:

Reporting on Technology

Sample Questions



Inquiry Focus: How is technology changing the way Ontario farmers grow grains like barley, corn, oats, soybeans, and wheat?

Getting Started – Understanding the Big Idea

1. What kinds of grains do Ontario farmers grow?
 2. What do we mean by “technology in farming?”
 3. How do machines and digital tools help farmers today compared to 50 years ago?
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Technology on the Farm

4. How do tractors, combines, or planters use technology (like GPS, sensors, or computers)?
5. What is a robotic or self-driving tractor, and how does it help farmers work more efficiently?
6. How are drones used on grain farms? (What do they help farmers see or measure?)
7. How do satellites or sensors in the soil give farmers information about their crops?
8. What are some examples of apps or computer programs farmers use to track their crops or weather?

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Connecting to Sustainability

9. How does technology help farmers use less water, fuel, or fertilizer?
 10. How can digital farming help reduce waste or protect the environment?
 11. How does technology help farmers make decisions that protect the soil for future generations?
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Human Side of Farming

12. How does technology make farmers' work safer or easier?
 13. Do all farmers use the same technology? Why or why not?
 14. How do farmers learn to use new tools or machines?
 15. What challenges might farmers face when adopting new technology?
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Critical Thinking & Reporting

16. What surprised you the most about technology in grain farming?
17. What do you think people in your community *don't know* about modern farming?
18. What's one message you'd like your audience to remember after watching your report?

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Optional Extension for Broadcast Prep

- What visuals, sounds, or interviews could make your story more interesting?
- Whom could you interview (a farmer, agronomist, or local expert)?
- How could you make your report clear and easy to understand for your audience?