

# Technology & Innovation

Precision Agriculture

FOR STUDENTS

Ag for Life

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**GET READY!**

**Guiding Questions:**

Define precision. How do you think this can apply to agriculture?

How do you think this could benefit the environment? Farmers?

Ag for Life

**Check out this website about precision agriculture:**

<https://croplife.ca/field-notes-precision-agriculture-canada/>

As you click through, think about and write down:

- Define Precision Agriculture
- Pick one example of a precision agriculture tool and describe how it benefits you.

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## RESOURCE ROUND UP!

**Check out this video on the future of farming:**

<https://www.youtube.com/watch?v=Qmla9NLFBvU>

**What is precision agriculture?**

[https://en.wikipedia.org/wiki/Precision\\_agriculture](https://en.wikipedia.org/wiki/Precision_agriculture)

Refer to the following resources found under the "Additional Resources" section located at the bottom of the Technology and Innovation Agriculture Lab.

- *Equipment Infographic*
- *Ag Scape Info Sheet*
- *Robotics Info Sheet*

# O OBSERVE RESULTS OF YOUR LEARNING!

Pick a different technology and write a 500 word research article about this technology, how it benefits the environment, sustainability, farmers and consumers.

# W WHAT DID YOU LEARN?

How will technology help us feed a growing population?

What future innovations do you see benefiting food production and the environment?

Identify some of the obstacles we face when implementing precision agriculture?