

## STEM in Agriculture

### STEM innovations in agriculture

Now that you have completed the STEM in agriculture e-learning course, decide what innovation in agriculture you would like to investigate.

1. Discover an innovation or new technology in agriculture that interests you.
2. Using the google slide template, make a copy, then complete one slide about the innovation item you selected. Add the following information to the slide:
  1. One photo of the innovation
  2. Two bullet points that describe the innovation
  3. Three bullet points that describe why the innovation is important to our world

Search terms to use to help you find information

- Agriculture technology
- Agriculture innovation
- Artificial intelligence in agriculture
- Innovations in agriculture
- Precision agriculture trends

Visit the [Good/Bad presentation](#) examples to learn basic principles of slide design. Use the following tips if you want to do additional designing. Go to [this template slide](#), make a copy and you are ready to start.

1. Choose a background. There are many themes that are available on Google slides. The slide we have provided is a template that is usable if you have wish to use it without adjusting.
2. Find a high resolution, clear image. **Be sure to cite the image source.** Use the cropping tool to trim the edges of an image, remove unwanted parts, or add a design by cropping your image into a shape (masking).
3. Select or upload an image to your slide. To insert an image, click on the **Insert** tab on the menu bar, hover over **Image**, and select **Upload from computer**.
4. To mask the image, highlight it and click on the arrow next to the **Crop image** tool. Select **Shapes**, then choose a mask shape and hit **Enter** to set the image to the shape of the mask.
5. Determine the font you want to use. Simple fonts are easier to read on a presentation than italics or more flowing fonts, i.e. Times New Roman vs **Chalkduster**.
6. You may need to change the location and the color of your text to make it stand out from the background color of the slide.

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Student work will be assessed using the following rubric.

Rating	1	2	3	4
Photo	No photo	Photo is not recognizable or is unclear or contains extraneous elements	Photo is identifiable and clear	Photo is high resolution, easily identifiable with attribution
Description of innovation	Description is unclear	Description is clear with one descriptor	Description is clear with two descriptors	Description is clear with connection to an agricultural technology
Importance of innovation	Importance is unclear with no or only one descriptor	Importance is clear with only two descriptors	Importance is clear with three descriptors	Importance is clear with three descriptors and a connection to agricultural problem or concept
Slide design	Slide is not readable or lacks information	Slide is too crowded, font is too small or hard to read, background is distracting	Slide is readable with clear layout	Slide is easily readable, background and layout easy to follow

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