



# project AGRICULTURE Project Page

## DESIGN A LAB OR DEMONSTRATION

Your **lab or demonstration** should be designed to prove or disprove a misconception, myth or misleading information about food or farming. It should include information and evidence that is part of your investigations.

- ❑ Find and watch a Mythbusters or Mythbusters Jr. show. Consider the importance of evidence and fact-based information from credible sources.
- ❑ Identify myths connected to a broad topic such as economics, consumerism, trade and globalization, technology, biodiversity, climate change or sustainability.
- ❑ Select a misconception, myth or misleading facts to “fact-check” in your project. Focus on an issue, question, puzzle or statement that narrows the broad topic, is testable and safe to investigate.
- ❑ For example, start by narrowing down your topic into concepts like food security and insecurity, supply management, consumer trends, local food, family farms, biotechnologies, robotics, organics, farm ecosystems, pesticides, environmental monitors, the use of synthetic hormones or antibiotics.
- ❑ Design your lab or demonstration. Predict the outcome you think you will have and back it up with evidence. List your independent, dependent and controlled variables. Describe the step-by-step procedure you will follow. Collect evidence and examples that prove or disprove your prediction. You can share your lab or demonstration on PowerPoint or Google slides, as a video or as a series of photos.
- ❑ Submit your lab or demonstration as a PDF, JPEG, GIF or PNG file, or provide a URL for an online project. Upload a video to a **Google Drive**, **YouTube** or **Vimeo** or other platform to submit your project with the video URL.

## OR USE YOUR OWN IDEA

Develop your own project format. You may decide you'd rather do an essay, a comic book or strip, a graphic novel or a poster. You may have your own ideas. Get the go-ahead from your teacher before you start.

