

READY-MADE RESOURCES

Global Agriculture

Welcome, teachers, to the GrowNextGen Global Agriculture Plug-and-Play Lesson. This lesson will take approximately one class period (40 minutes), and will allow students to enhance and expand their knowledge of Global Agriculture. These activities are meant to be flexible for you to use as needed.

Before students begin this activity, they will need a computer with internet access, a copy of the documents in the appendix and a writing utensil.

Activity 1: Background knowledge

Have students research the definitions of the following terms:

- commodity
- commodity trading
- trade agreements
- export
- import

Once students have defined these terms, have them share with the class.

Activity 2: Career connection

Have students watch this video (grownextgen.org/career-videos/video/international-trade/) to learn about careers related to this topic. Have students complete the worksheet in Appendix 1 while they watch. A key is also included for you in the appendix.

Activity 3: Industry information

Have students work in groups of 4–6 to explore modern ag companies that are engaged in global agriculture. You can allow students to choose which company to research, or you can assign a company to each group of students. Appendix 2 is a guide students can use to direct their research. Students can submit Appendix 2 as part of this assignment, or you could assign them to share their findings in class presentations.

NextGen Standards

Science and engineering practices

- Asking questions (for science) and defining problems (for engineering)
- Analyzing and interpreting data
- Using mathematics and computational thinking
- Obtaining, evaluating, and communicating information

Crosscutting concepts

- Scale, proportion, and quantity

Disciplinary core ideas/content

- LS1D Information processing
- LS2D Social interactions and group behavior
- ETS2 Links among Engineering, technology, science and society
- ETS2B Influence of engineering, technology and science on society and the natural world