Unit 5: Energy

Lesson 6: Alternative Energy Pros and Cons- Teacher's Guide

Estimated Time for Completion- Approximately 30 minutes

Student Learning Objectives:

As a result of this lesson the student will…

- Identity pros and cons for each energy source.
- Develop a deeper understanding of alternative energy.

Directions: Access the commodities and products tab on the AgMRC website (http://www.agmrc.org) and find the agritourism link. Utilize information located here to answer the questions below:

Students will be looking up information to create a pros and cons list of Ethanol, Solar Energy and Wind Energy.

Now that the students have a good understanding of what makes a business either great or not so great, it time to get them to really think about those pros and cons. They need to answer the following questions. Following a time of individual or partner answering, a class discussion on the questions is encouraged.

Thinking Critically: Questions

What are your thoughts after looking at your pros and cons list? Is one source better than another? Justify your answer.

How would these pros and cons help you make decisions on implementing renewable energy on a farm?

Write two energy decision scenarios, one where one energy source is preferred over the others, and a different scenario where a different energy source is preferred over the others. Make sure you explain why those energy sources are preferred in each situation.