



STANDARDS ADDRESSED

Georgia Agricultural Education Standards:

1.4 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills.

Next Generation Science Standards:

3-5-ETS1-2. Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.

Key Vocabulary

Tractor - a powerful motorized vehicle used on farms to help with **jobs**

Problem Solving - finding solutions to issues that come **up**

Comprehension Check

1. How many years of experience do Daniel and Lindy have combined?
2. What do they teach at their tractor school?
3. What are some of the uses of a tractor?
4. What are the three types of problems a tractor might have?



Reflection Questions

1. What are machines or tools that you use everyday that might break? How would you learn how to fix them?
2. What implement would you invent to add on to a tractor?

Extension Activities

1. Research types of tractors and machinery that help with constructing buildings - like a backhoe, bulldozer, or crane. What jobs do each of them help with on a construction site?
2. Draw a design for a bike that would help with jobs on the school garden. What implements would it have and what jobs would it help with? How would the wheels and gears help?
3. Visit your local farmers market. Ask farmers what problems they have faced on the farm recently, what they tried, and how they solved them.

COMPREHENSION CHECK ANSWERS:

1. 18 years
2. How to safely use a tractor, how to fix a tractor
3. Lifting heavy things, mowing, tilling
4. Mechanical, electrical or hydraulic issue

