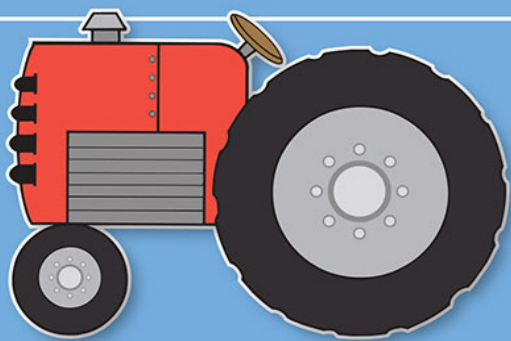


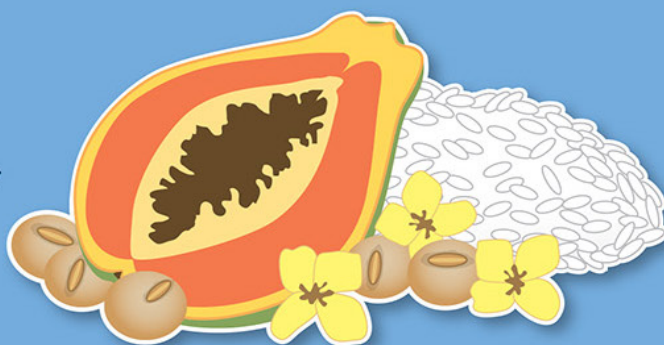
Earth-Friendly Farming



- Ask students to think about the advantages of a farmer needing to plow less often. What might that allow the farmer to do? How could that affect food production and food prices?
- Have students think about other resources that are needed in farming. Discuss water, fertilizer, sunshine, and so forth. How might an increase or decrease in these affect the amount of food a farmer can grow?

Best of the Best

- Introduce terms students may not be familiar with, including microorganisms, biotechnology, and herbicides.
- Ask each student to think of a food that is neither his or her favorite or least favorite. Then challenge them to answer this question: *If you were a scientist, how would you change that food to make it more appealing?* Then follow up by asking, *How does enhancing a food's different traits affect the amount of food we have to feed the world?*
- Think of someone you know who has a food allergy. Ask students, *How might modifying the food that the person is allergic to impact his or her life?*



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