

# What Are the Needs of Seeds?

Test your knowledge **pre-activity**.



Agriculture is about growing plants and animals to produce food for people to eat and fibre for everyday items like cotton t-shirts and wool sweaters!

Agriculture uses science and technology to grow and process safe food.

**Seeds** are a very important part of agriculture! Seeds grow into plants.

What do you know about seeds and the things that a seed needs to grow? See how many questions you can answer. Don't worry if you don't know the answers now – just leave the answers blank. You will have the chance to answer the questions again after the activities!

## Questions:

1. What does a seed need to grow? (hint: you should have at least FOUR things here)
2. Why is soil important to us?
3. What are the three particles that make up soil?
4. How do the main nutrients nitrogen (N), phosphorus (P) and potassium (K), keep plants healthy?

Nitrogen (N):

Phosphorus (P):

Potassium (K):

5. How much of the Earth's land is ideal for growing crops? \_\_\_\_\_%
6. Farmers use science, technology, and best management practices to grow crops on nearly \_\_\_\_\_% of the Earth's land.
7. Name two careers (jobs) in agriculture.

