

L56 — Seeds and Germination

Read Aloud Passage

A seed needs water, oxygen, and the right temperature all at once to germinate. Water soaks in first, called imbibition, and the seed swells.

The root, or radicle, usually emerges first, because nothing else can happen without water. The shoot follows, and the cotyledons, which are the seed's own leaves, unfold first, already folded inside the seed.

Activity 1

One statement below does NOT belong with the others about seeds and germination. Circle it and explain why it does not belong.

- A. A seed needs water, oxygen, and the right temperature all at once to germinate.
- B. Water soaks in first, called imbibition, and the seed swells.
- C. The root, or radicle, usually emerges first, because nothing else can happen without water.
- D. Friction is the resisting force between two surfaces sliding against each other.

Why does it not belong?

Activity 2

Because / But / So — complete each sentence three different ways.

A seed needs water, oxygen, and the right temperature all at once to germinate because

A seed needs water, oxygen, and the right temperature all at once to germinate but

A seed needs water, oxygen, and the right temperature all at once to germinate so

Activity 3

Start with the kernel sentence. Use the prompts to expand it into a more detailed sentence.

Kernel sentence: Water soaks in first, called imbibition, and the seed swells.

How?

Why?

Write your expanded sentence:

Activity 4

Write one of each type of sentence about seeds and germination.

Statement (Declarative):

Question (Interrogative):

Exclamation (Exclamatory):

Command (Imperative):

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