

Plant Reproduction and Seeds

READ ALOUD PASSAGE

Flowers are a plant's reproductive parts. Anthers make pollen; the pistil holds egg cells in its ovary. A pollen grain lands on the pistil, grows a microscopic tube down to the ovary, and fertilizes one egg. One grain per seed.

After fertilization the ovary grows into a fruit and each fertilized egg becomes a seed. Every fruit develops from a flower's ovary. A fruit's real job is getting seeds away from the parent. Wings, parachutes, hooks, and sweet flesh are four solutions to one problem.

A seed is an embryo with stored food in a tough coat, held in a sleep so deep no signs of life show. Scientists are still learning exactly how that works.

Activity 1: Word Hunt

Look back at the reading. Find four adjectives and write them on the lines.

1. _____
2. _____
3. _____
4. _____

Activity 2: Sentence Scramble

These words are mixed up. Put them in order to make a sentence. Start with a capital letter and end with a period.

1. grain / one / seed / per

2. that / still / are / learning / works / scientists / exactly / how

Activity 3: Make It Better

This paragraph is short and plain. Follow each instruction to improve one sentence. Check the box when you finish. Then write the new paragraph.

WHAT TO CHANGE

- ☐ **T.S.** Add a detail that tells when or where.
- ☐ **D1** Add an appositive.
- ☐ **D2** Expand it with because, but, or so.
- ☐ **C.S.** Begin it with a transition.

THE PLAIN PARAGRAPH

^{T.S.} Flowers make seeds. ^{D¹} Pollen lands. ^{D²} The ovary grows. ^{C.S.} Seeds are made.

WRITE YOUR NEW PARAGRAPH

[illegible]

Activity 4: Finish the Thought

Finish each second sentence. The connecting word tells you how your sentence should relate to the first one.

1. A pollen grain lands on the pistil. Next, ...

2. Some seeds have wings. In addition, ...

3. A seed looks lifeless. However, ...

4. The ovary was fertilized. As a result, ...
