



WILD ONES – THE NEXT GENERATION

Wintertime:

Are these plants dead?



No

This plant is a winter-sleeper. It will grow again in spring from its roots. Can you guess another way new plants will grow from this one? (Answer below)

Yes

This plant dies in winter. Can you guess how new plants will grow in the spring from this dead one? (Answer below)

Answer: both kinds of plants make seeds that can grow into new plants.

How Wild Can You Get? Be a real seedy character!

- Use books, seed catalogues, and look ~~in~~ ^{up} ~~in~~ ⁱⁿ the garden to find out which plants you want to grow from seed and...
- Learn how to store seeds and make them ready to grow.
- Collect seeds carefully from friend's gardens. Don't trample the plants!
- Take just a few seeds from each plant — leave some for nature to plant.
- Help your seeds get a good start — be sure they get water and light.
- Draw or photograph your plants as they grow. Show off your plants to your friends. Be proud — you helped a tiny seed become a plant!

Wild Wonders

Seeds are little packages of life. They have everything they need to make a new plant — just add warmth, water, soil, and sunlight.

The Bean Seed Story

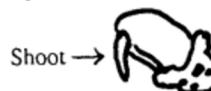
Color the seed coat brown.



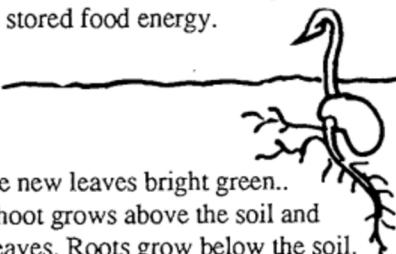
1. A hard cover (seed coat) keeps the seed from freezing or drying out until spring comes. Warmth, water, and time make the seed coat fall off.

Stored energy

Color the embryo light green.

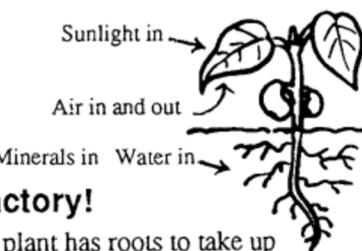


2. The baby plant (embryo) starts to grow, even in the darkness underground, using its stored food energy.



Color the new leaves bright green...

3. The shoot grows above the soil and makes leaves. Roots grow below the soil.



Food Factory!

4. Now the plant has roots to take up water and minerals from the soil, and leaves that are made green by a chemical called chlorophyll. Do plants eat like you do? No, they make their own food so the plant can keep growing. Chlorophyll helps the plant use water, minerals in the soil, and energy from the sun to make food. The plant grows on its own — the little seed has done its job!

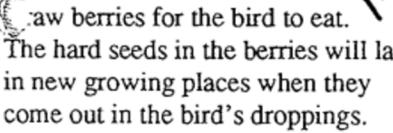
Blowin' in the wind

Draw more fluffy milkweed seeds "flying" to new growing places.



Just droppin' by

Draw berries for the bird to eat. The hard seeds in the berries will land in new growing places when they come out in the bird's droppings.



Plant Pals

Can plants walk around to put their seeds in good growing places?

No, seeds need help!



Hitchin' a ride

Draw more sticky biden seeds on the fur or these animals which will carry these seeds to new growing places.



People are plant pals, too

Draw yourself collecting seeds from a friend's garden to plant in yours!

- Judee Hansen, Cathy Pawlowski, and Edie Emmenegger