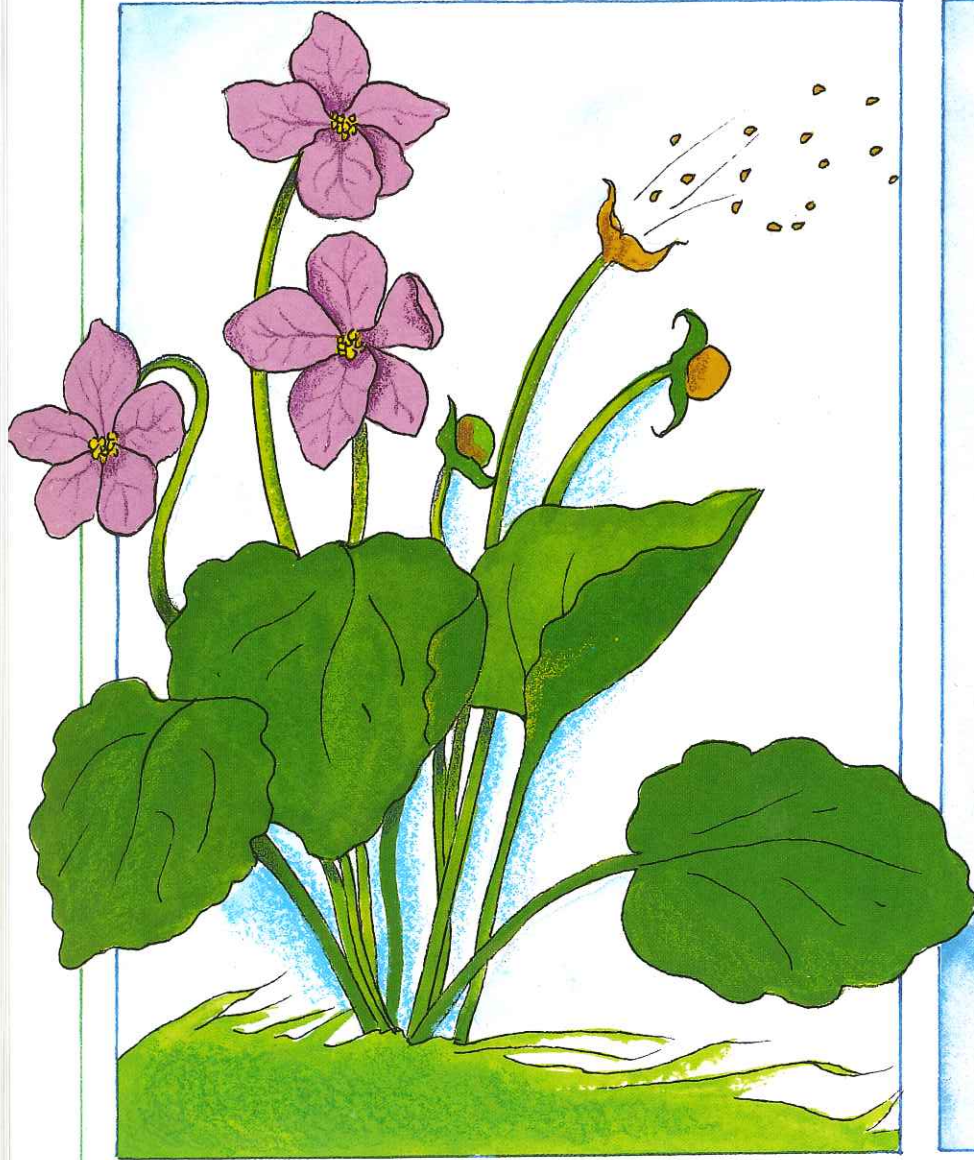




When the fruit or pod ripens, it breaks open. The seeds are ready to become new plants.



Some seeds fall to the ground around the base of the plant where they will grow.



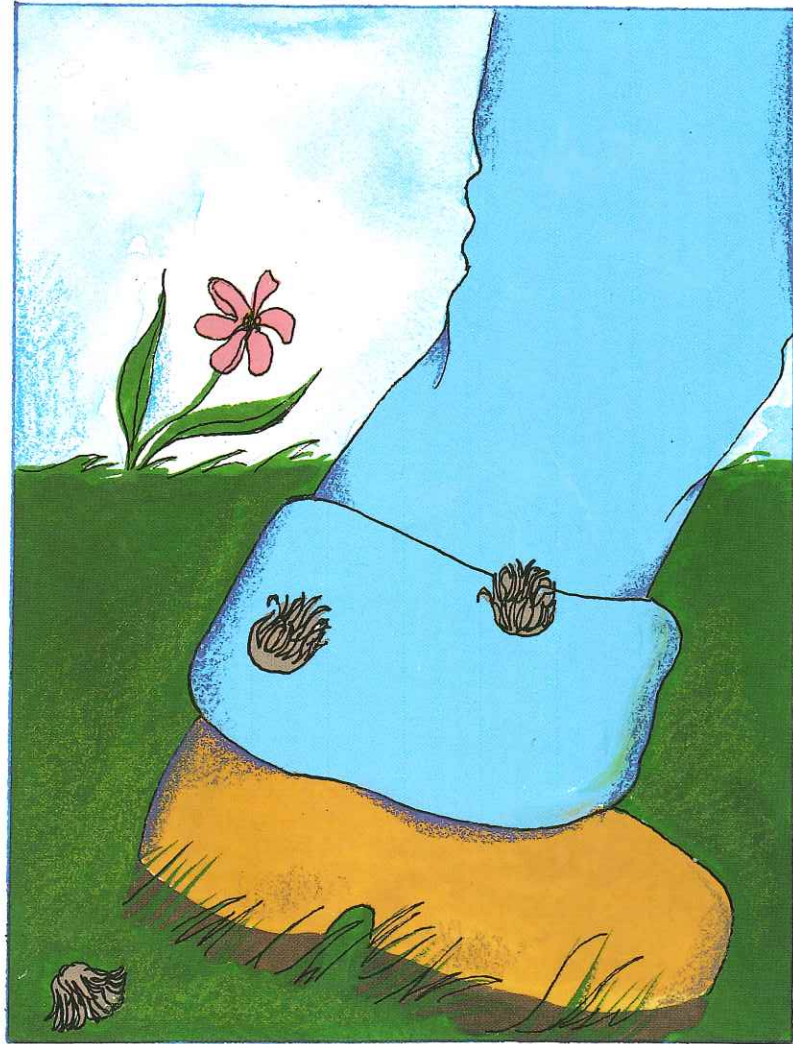
Some pods or fruits open and the seeds pop out. Sometimes, when birds eat berries, they drop the seeds.



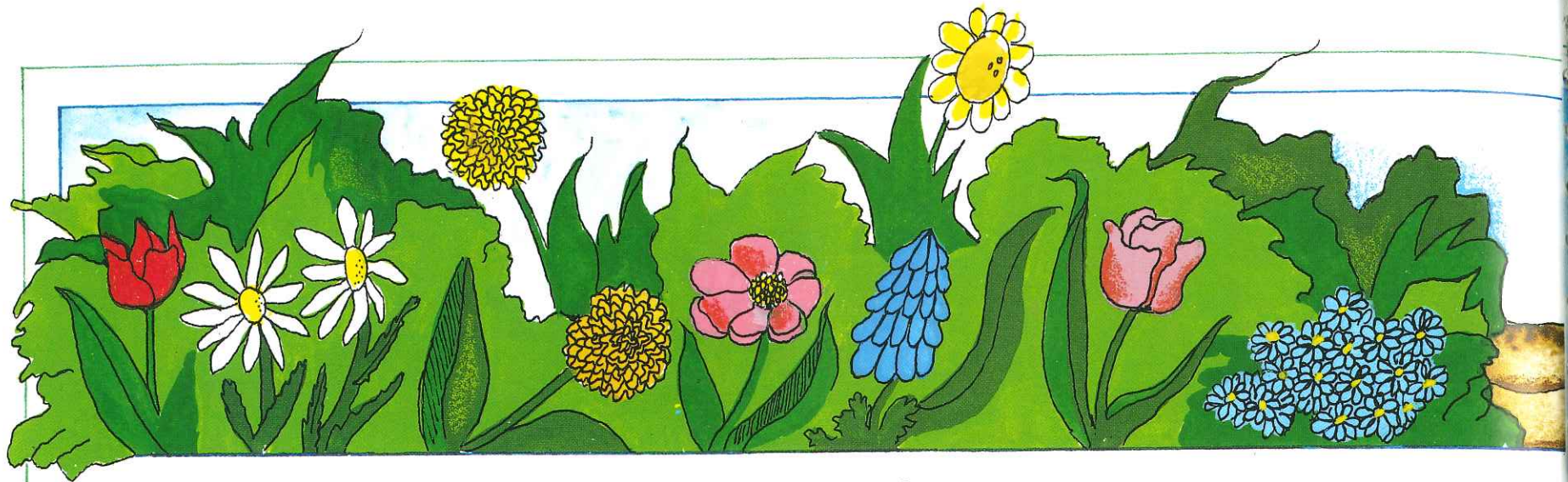
Other seeds fall into streams, ponds, rivers or the ocean. There, they travel on the water until they stick to dirt along a shore.



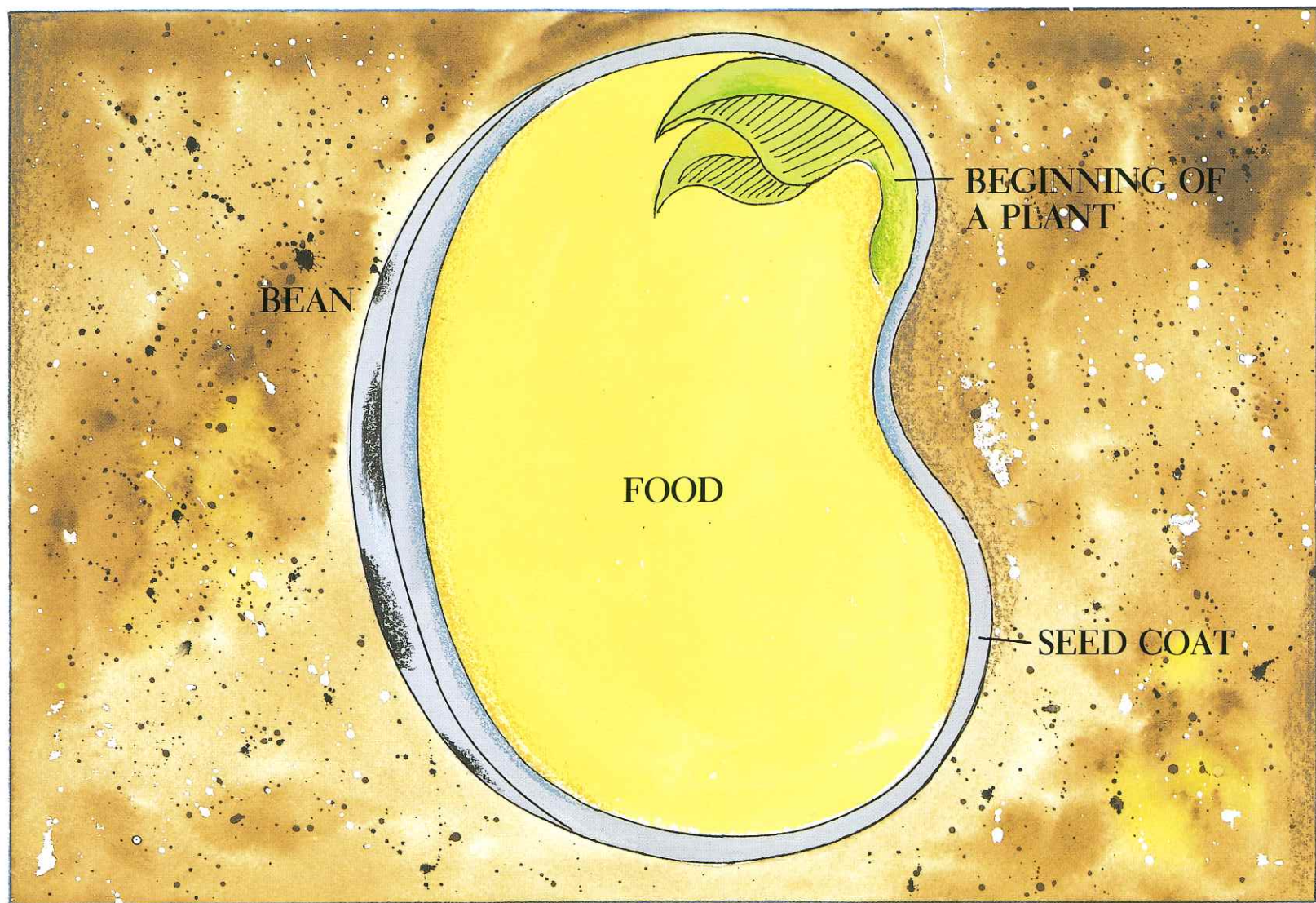
The wind scatters seeds. Some seeds have fluff on them that lets them float to the ground like tiny parachutes. Others have wings that spin as they fall.



Animals help scatter seeds, too. They hide acorns and nuts in the ground. Some seeds have hooks that stick to the fur of animals or people's clothes. Later, they drop off onto the ground.

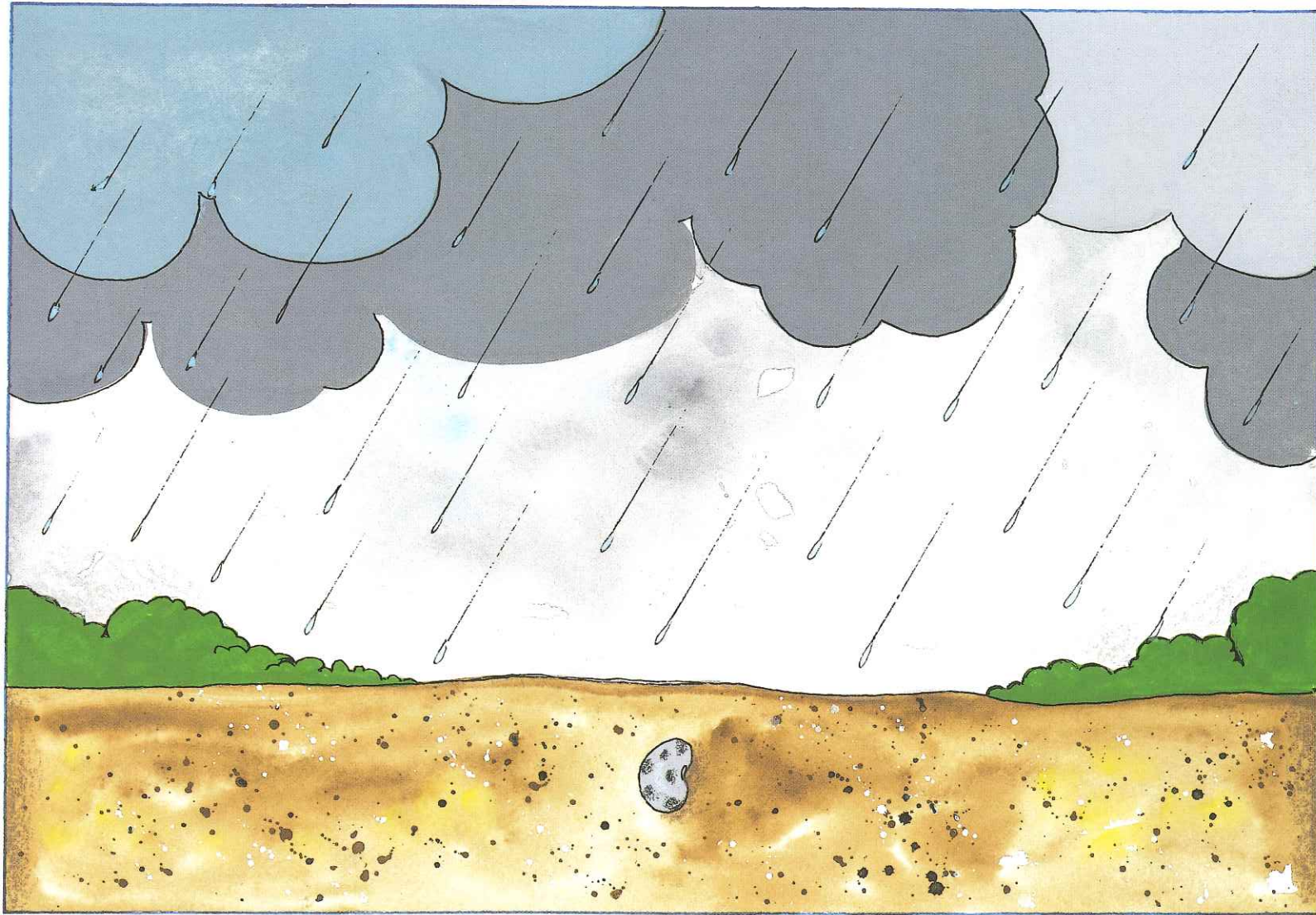


A flower bed or vegetable garden is beautiful! Seeds are planted to grow in the gardens.

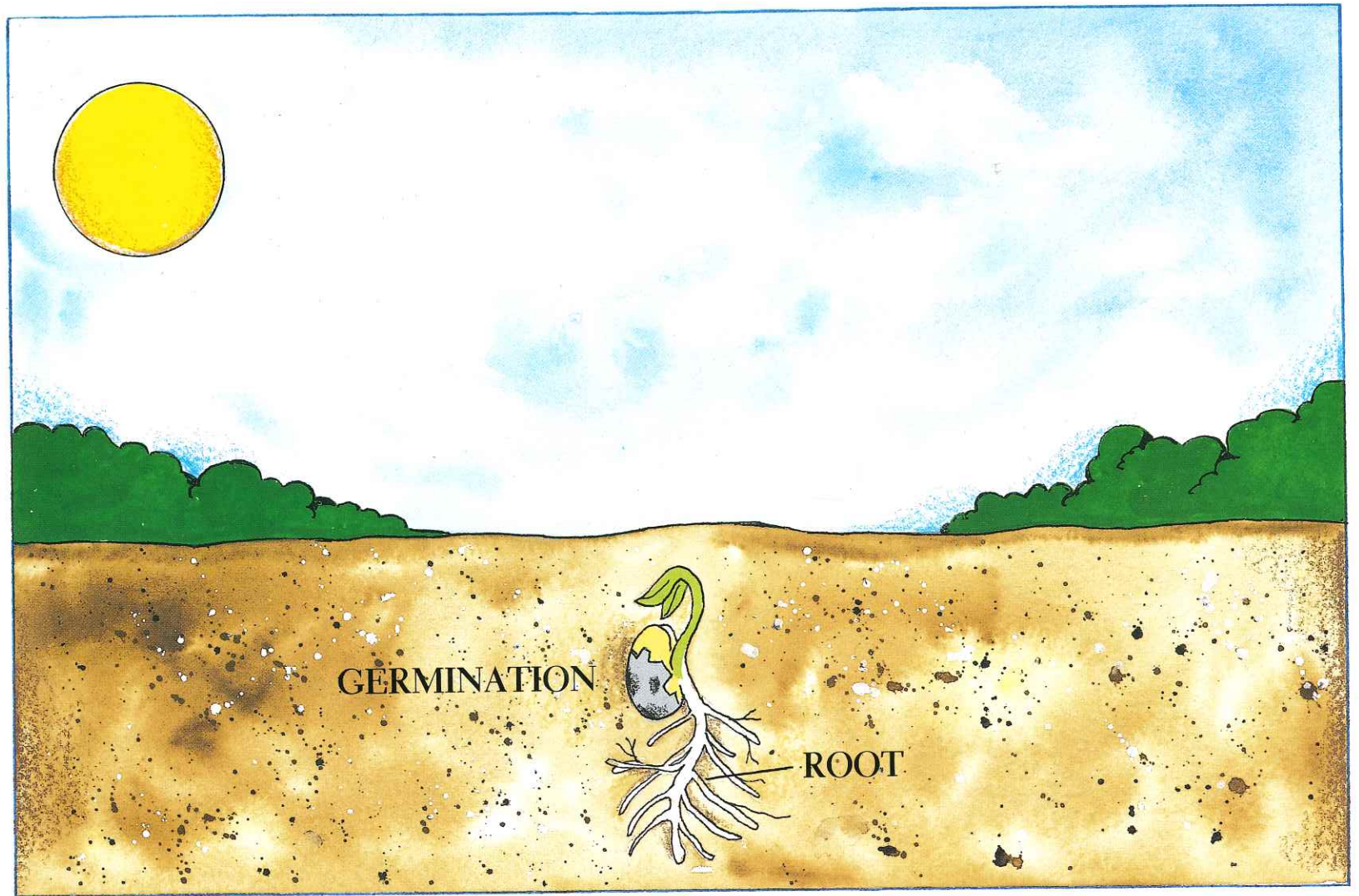


The beginning of a plant is curled up inside each seed. Food is stored inside the seed, too. The seed has a seed coat on the outside to protect it.

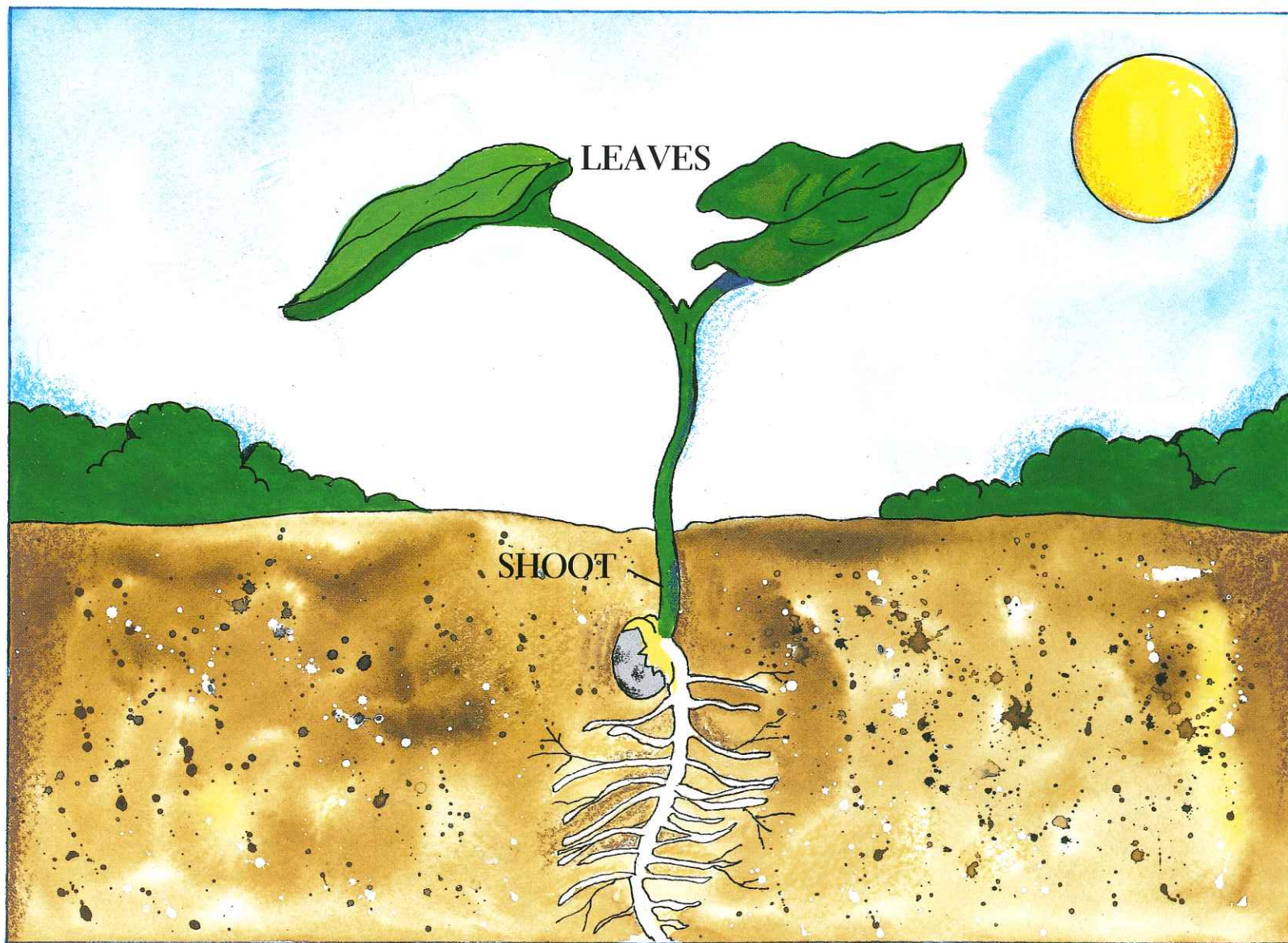




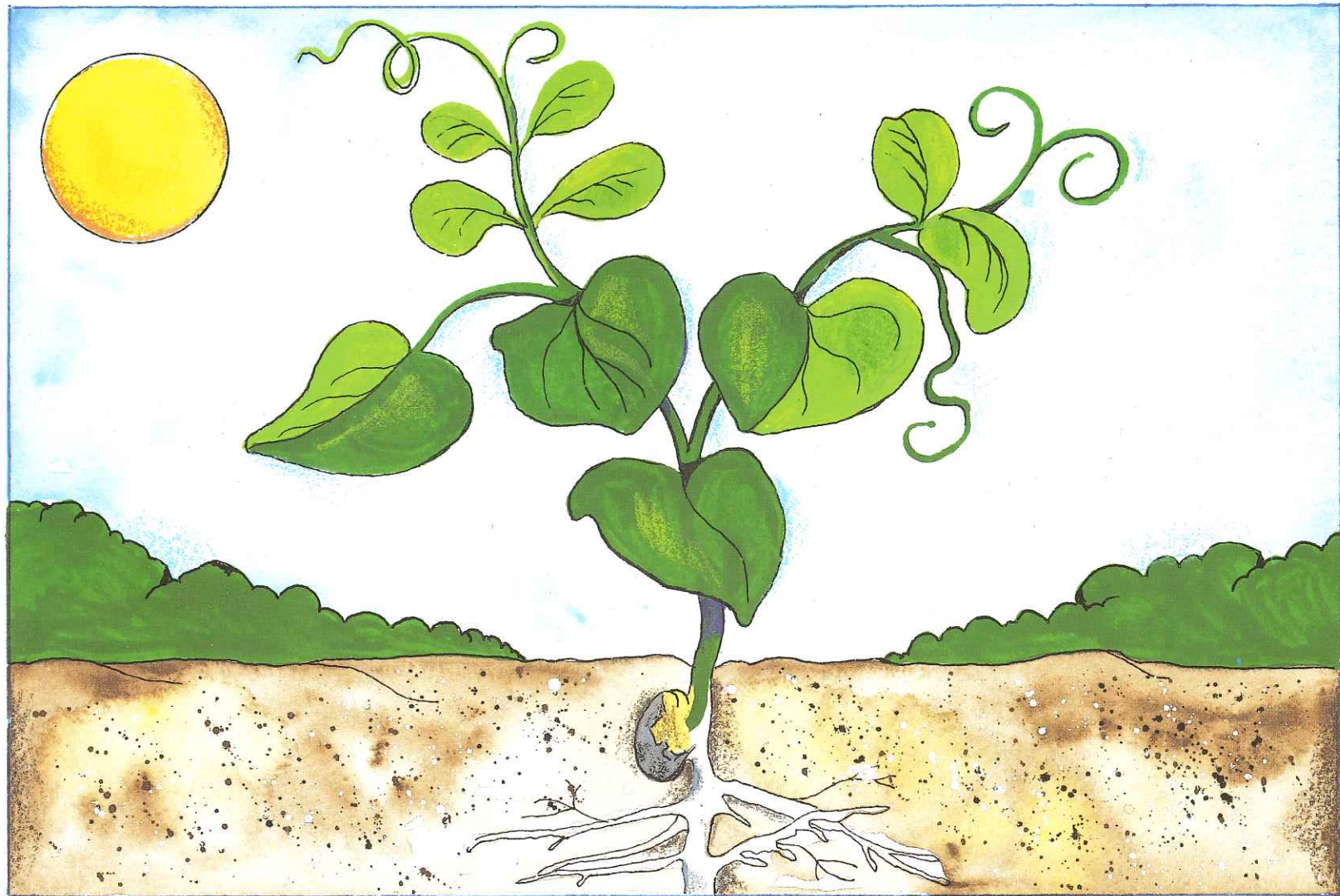
A seed will not sprout until certain things happen. First it must be on or in the soil. Then it needs rain to soak the seed and soften its seed coat.



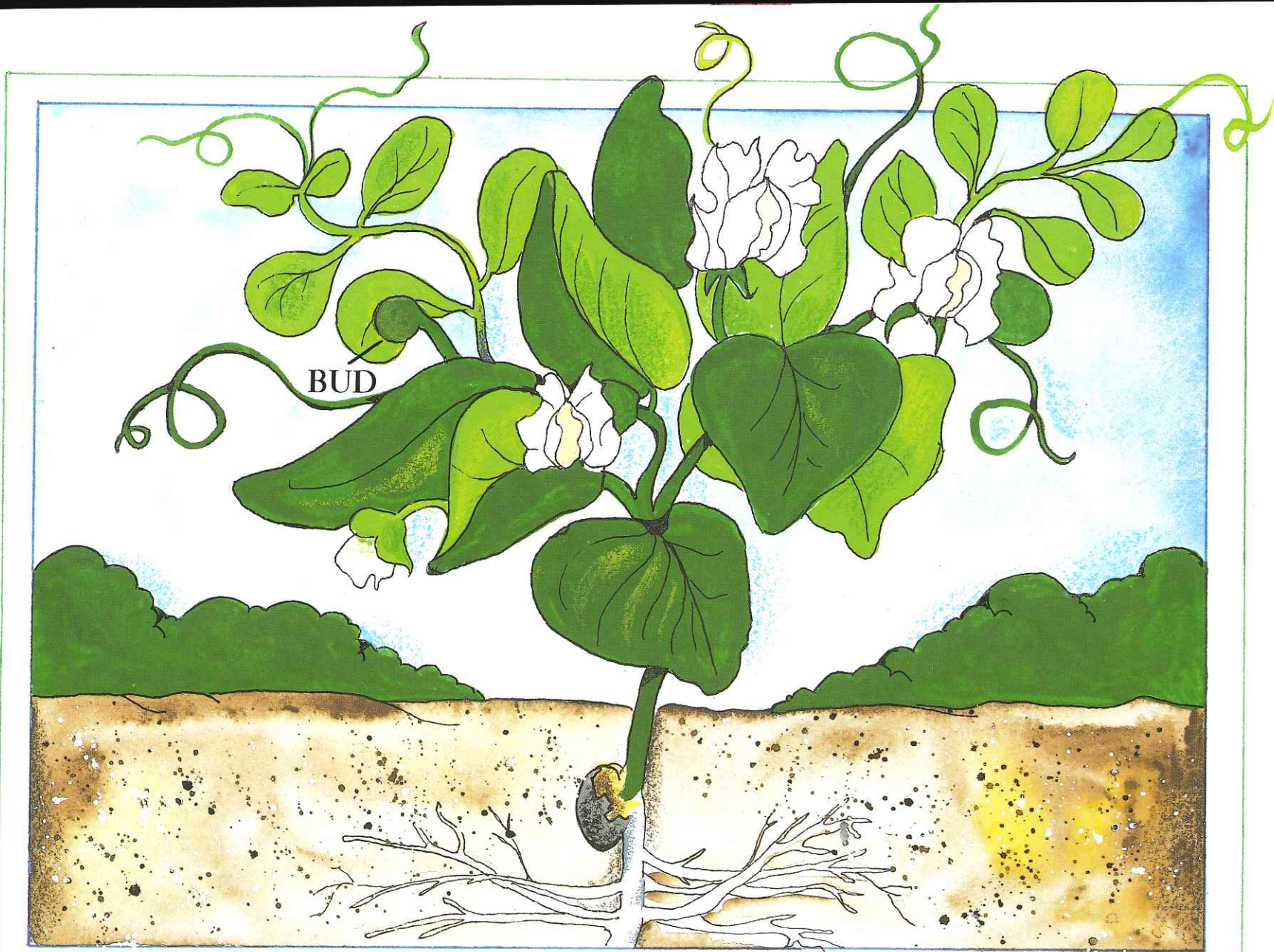
When the sun shines and warms the ground, the seed coat breaks open and the seed begins to grow. This is called germination. A root grows down into the soil. The root takes in water and minerals from the soil for food.



Up grows a shoot. Green leaves grow up from the shoot toward the sun.



The plant grows bigger and bigger. The leaves make food for the plant from the water and minerals in the soil, the sunlight, and the air all around the plant.



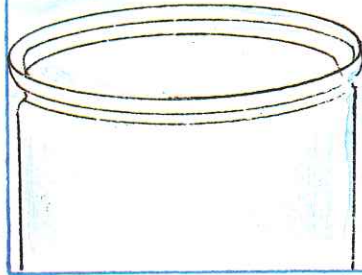
Finally, the plant is full-grown. Buds on the plant open into flowers where new seeds will grow.



Many of the foods people eat are seeds, fruits and pods.  
They are full of nutrition, vitamins and minerals and . . .

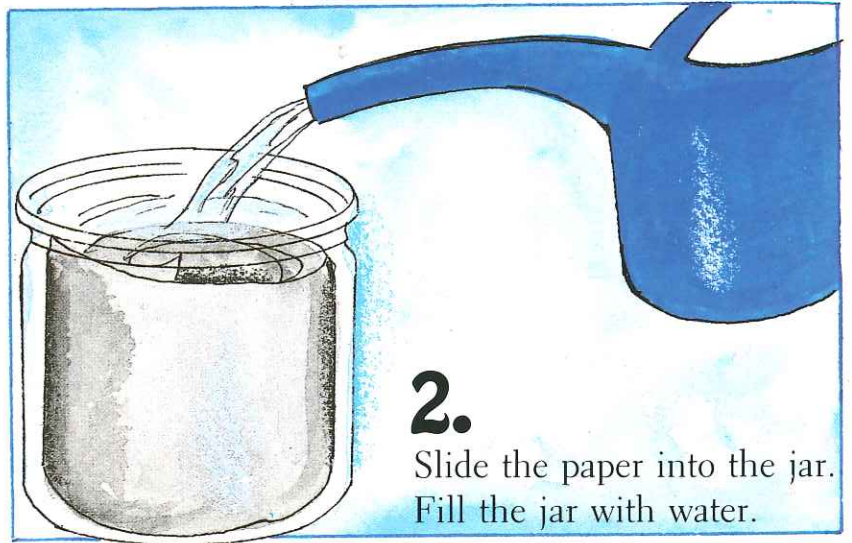
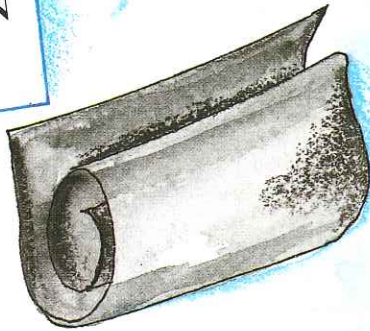
# A "FROM SEED TO PLANT" PROJECT

## HOW TO RAISE BEAN PLANTS



1.

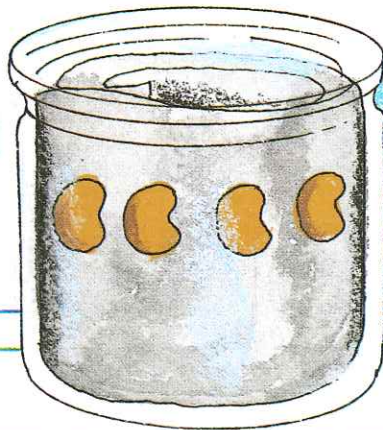
Find a clean glass jar. Take a piece of black construction paper and roll it up.



2.

Slide the paper into the jar. Fill the jar with water.

3. Wedge the bean seeds between the black paper and the glass. Put the jar in a warm place.



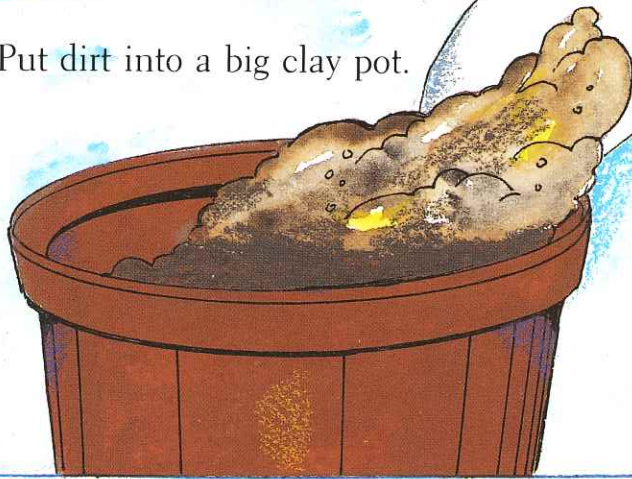
4. In a few days the seeds will begin to sprout. Watch the roots grow down. The shoots will grow up.



WATCHING YOUR BEAN SEEDS WHILE THEY SPROUT

## CARING FOR YOUR BEAN PLANTS

**5.** Put dirt into a big clay pot.



**6.** Carefully remove the small plants from the glass jar. Place them in the soil, covering them up to the base of their shoots.



**7.** Water them . . . and watch them grow!

