

Plant Reproduction: Seeds, Germination, and Pollination

Class 5 • Science • Worksheet (illustrative sample)

Worksheet for Class 5 Science: Plant Reproduction: Seeds, Germination, and Pollination.

Questions

1. Name the three external conditions necessary for seed germination.
2. Which part of the embryo grows downward to become the root system?
3. What is stored inside the cotyledons of a seed?
4. Define pollination in your own words.
5. Name two natural agents of pollination.
6. How does a potato reproduce without seeds?
7. Name a plant that produces new plantlets from the notches of its leaves.
8. Why do flowers have brightly coloured petals and sweet nectar?

Answer Key

1. Water (moisture), warmth, and air (oxygen)
2. The radicle
3. Food for the growing baby plant (embryo)
4. The transfer of pollen grains from the anther to the stigma of a flower
5. Insects (bees/butterflies) and wind (or birds/water)
6. Through vegetative propagation using "eyes" (buds) on its underground stem
7. Bryophyllum
8. To attract insect pollinators like bees and butterflies

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