

# Germination



1) Watch the video and solve the activities.

2) Parts of the seed: Match

SEED COAT•

•It's the baby plant.

EMBRYO•

•It contains food for the baby plant.

COTYLEDONS•

•It is the outer layer that protects the plant.

3) Choose the correct option

1) Plants \_\_\_\_\_ grow in any given condition.

CAN

CAN'T



2) The \_\_\_\_\_ takes hold of the soil and helps the plant from falling over.

ROOT

STEM

3) The process of a single seed growing into a plant is called \_\_\_\_\_.

PHOTOSYNTHESIS

GERMINATION

4) When the cotyledons have finished their job of supplying food to the baby plant the \_\_\_\_\_ take over the task.

LEAVES

ROOTS

5) The life of a plant starts from a \_\_\_\_\_

SEED

FLOWER



3) Put the events in order (Use numbers from 1 to 8)

- The cotyledons activate the enzymes and give food to the embryo.
- The seed swells and softens.
- The seed cells elongate as the coat splits and gives rise to the seedling.
- The seed coat ruptures. A tiny root emerges out of it.
- The cotyledons fall off and become part of the soil.
- The seed consumes water rapidly from the soil.
- The growing plant rises through the seed coat and emerges above the ground searching for sunlight.
- The root grows and pushes down deeper into the soil in search of water and nutrients.



4) Complete the text with the words in the box.

**SOIL – SUNLIGHT - MOISTURE AND TEMPERATURE**

In order to plant a tree, we need to have a proper condition. We need to check the level of , the right amount of  and the quality of the