

Seed Germination Quiz

Write 'T' in the box.

Name :

Date :

Class :

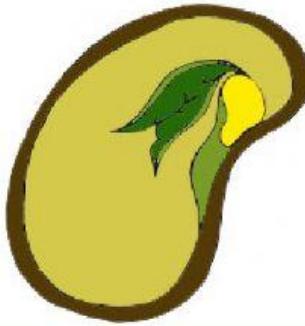
1 What are the three main parts of a seed?

- 1 food store, seed coat, roots
- 2 embryo, food store, roots
- 3 embryo, food store, seed coat
- 4 embryo, seed coat, roots



2 What is meant by the embryo in the seed?

- 1 food stored by the parent plant
- 2 the baby plant
- 3 a hard cover around the food store
- 4 roots of the plant



3 What is meant by the food store in the seed?

- 1 food stored by the parent plant
- 2 baby plant
- 3 hard cover around the embryo
- 4 roots of the plant



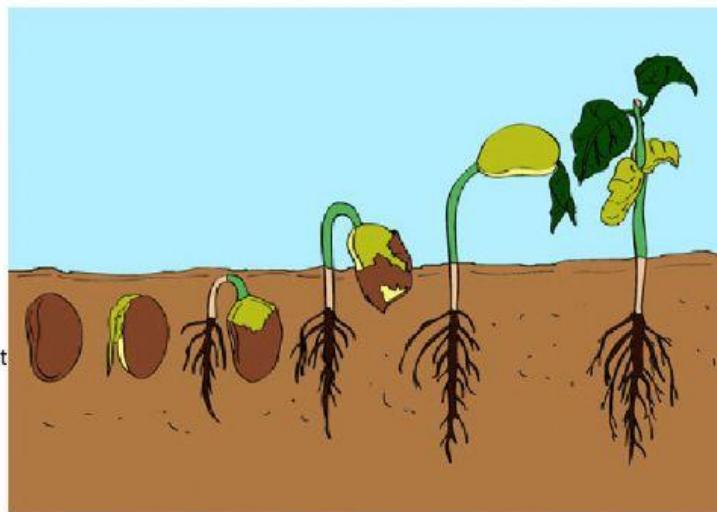
4 What is meant by the seed coat?

- 1 hard cover around the food stored
- 2 hard cover around the the baby plant
- 3 hard cover around the embryo and food store
- 4 hard cover around the roots of the plant



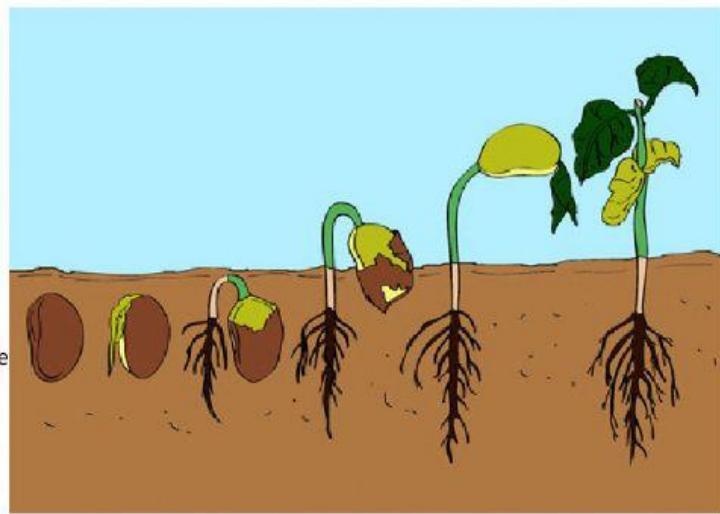
5 What is Germination?

- 1 the growth of roots of a young plant
- 2 the growth of new leaves of a young plant
- 3 a new plant coming out of the soil
- 4 the overall growth of a seed into a young plant



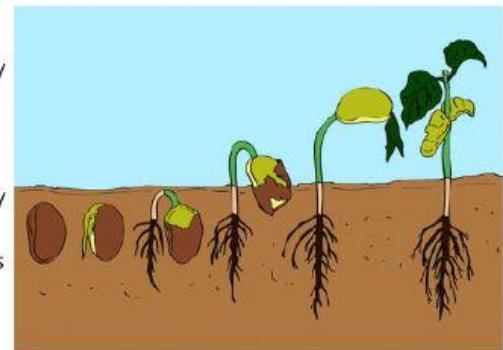
6 What are the conditions that plants need to germinate?

- 1 water, warmth, air
- 2 water, sunlight, air
- 3 water, warmth, sunlight
- 4 water, sunlight, carbon dioxide



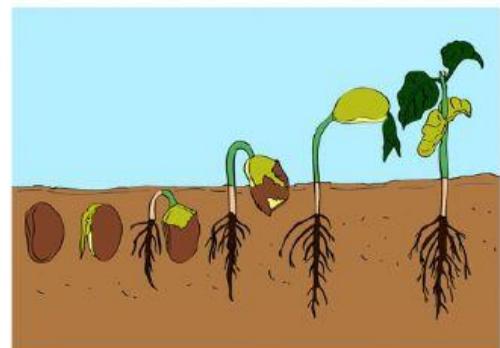
7 Tick the answer that shows the steps of germination in order.

- 1 seed coat splits apart, seed takes in water, foodstore gives the baby plant energy to grow, roots and the shoot start to grow
- 2 seed takes in water, foodstore gives the baby plant energy to grow, seed coat splits apart, roots and the shoot start to grow
- 3 seed takes in water, seed coat splits apart, foodstore gives the baby plant energy to grow, roots and the shoot start to grow
- 4 seed coat splits apart, foodstore gives the baby plant energy to grow, seed takes in water, roots and the shoot start to grow



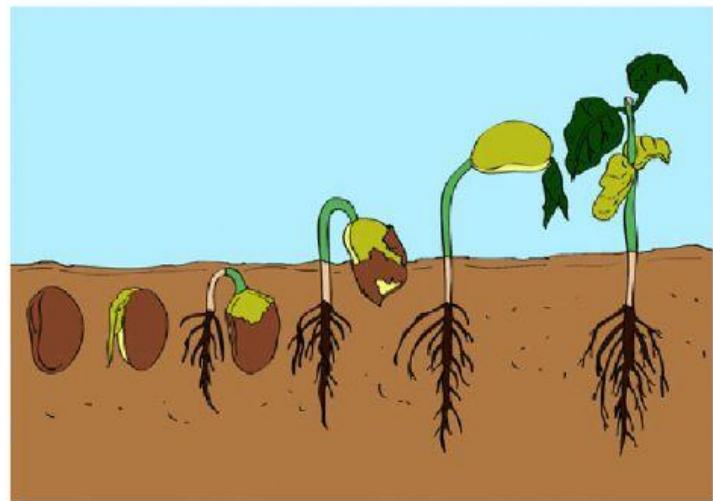
8 Tick the correct statement.

- 1 Foliage leaves are not useful to the baby plant and fall off soon
- 2 The cotyledon photosynthesise to give energy to the baby plant, until the baby plant gets its own leaves to photosynthesise
- 3 The cotyledon later become the first leaves of the seedling when the seed germinates
- 4 The foliage leaves later become the first leaves of the seedling when the seed germinates



9 What are foliage leaves?

- 1 Leaves that are not useful to the baby plant and fall off soon
- 2 Tiny leaves at the end of the shoot when the seed germinates
- 3 The first leaves of the seedling when the seed germinates
- 4 All of the above are incorrect



10 How are the foliage leaves important to the baby plant?

- 1 No, they are not important to the baby plant at all
- 2 They are the baby plant's first own leaves which help in photosynthesis
- 3 They give the real appearance of a plant to the seedling
- 4 They photosynthesise and give energy to the baby plant, until the baby plant gets its own leaves to photosynthesise

