Write 'T' in the box.

Seed Germination Quiz

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

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



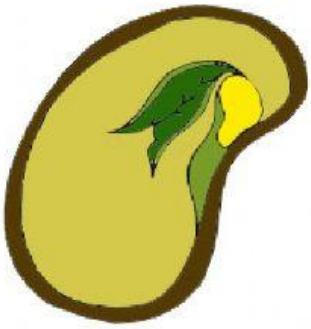
1 ☐ food stored by the parent plant

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

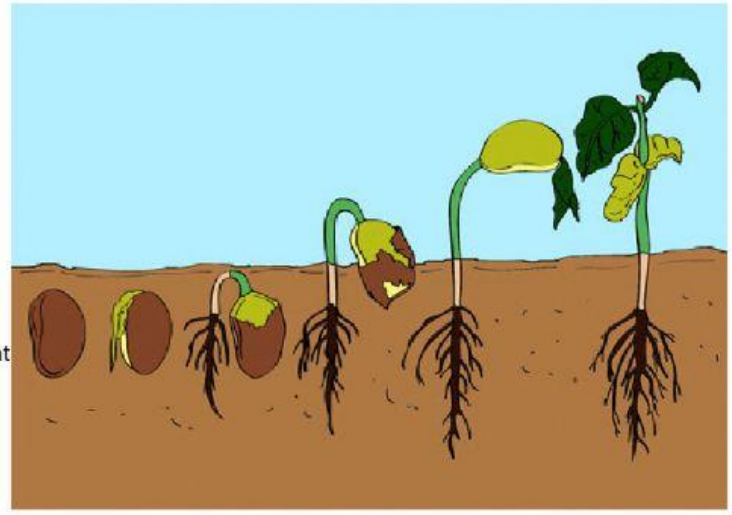
2 ☐ hard cover around the the baby plant

3 ☐ hard cover around the embryo and food store

4 ☐ hard cover around the roots of the plant

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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

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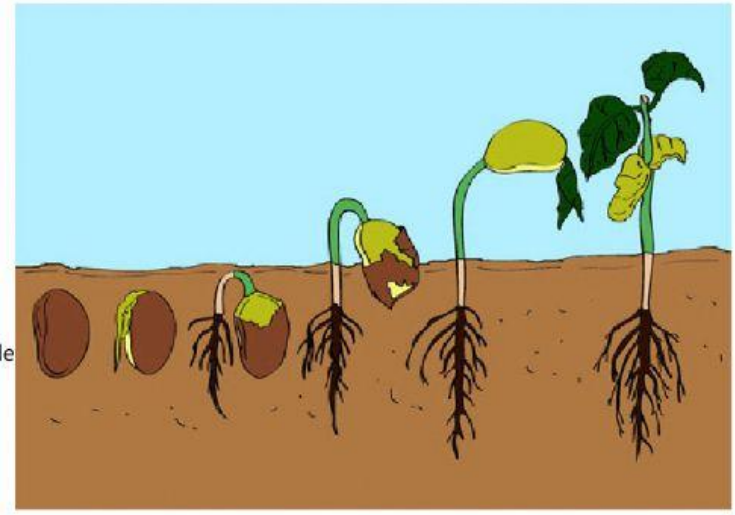
6 What are the conditions that plants need to germinate?

1 ☐ water, warmth, air

2 ☐ water, sunlight, air

3 ☐ water, warmth, sunlight

4 ☐ water, sunlight, carbon dioxide



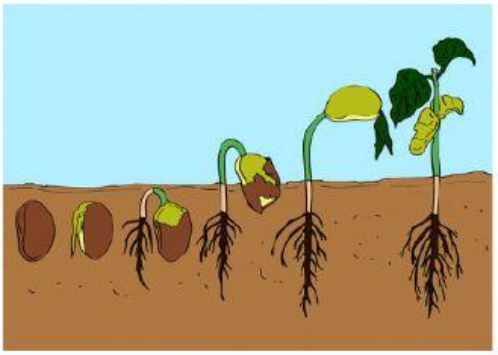
7 Tick the answer that shows the steps of germination in order.

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

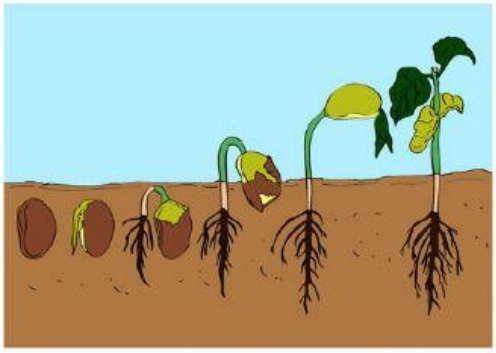
3 ☐ seed takes in water, seed coat splits apart, foodstore gives the baby plant energy to grow, roots and the shoot start to grow

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



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8 Tick the correct statement.



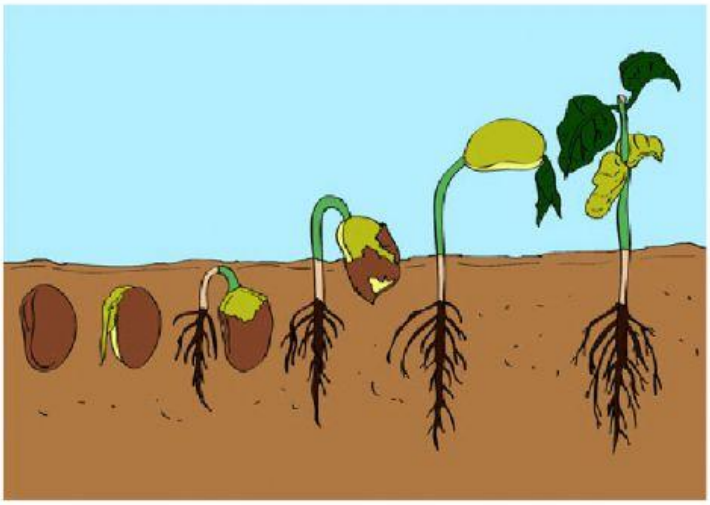
1 ☐ Foliage leaves are not useful to the baby plant and fall off soon

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

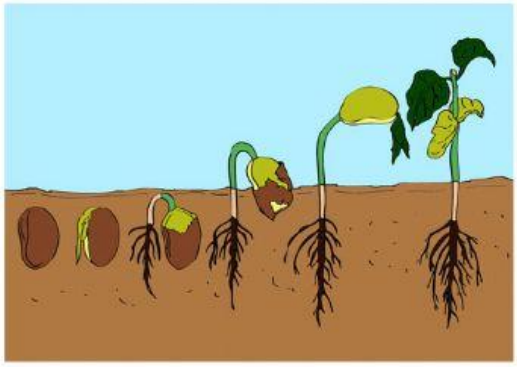
2 ☐ Tiny leaves at the end of the shoot when the seed germinates

3 ☐ The first leaves of the seedling when the seed germinates

4 ☐ All of the above are incorrect

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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

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