

This picture shows a seed *germinating*.



## Germination

Add the words to complete the sentences. Copy them out if you don't have a printer, no problem.

stronger  
roots seed  
shoot  
soil seedling

- ✿ A  is planted in the .
- ✿ First, the  begin to grow.
- ✿ As the roots get , you can start to see the shoot emerging from the seed.
- ✿ Shortly afterwards, the  appears above the soil. It is now called a .



Can you use the picture to define the word *germinate*?

The word germinate means ...

The definition of germinate is ...

What are the best conditions for a seed to *germinate*?



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



If the seed is underground, will it need sunlight?





Which soil would you choose to plant your seed?

Why not the others?

... soil is good because ..., however ... soil ...

## Task

Once you have finished the questions on the slides above, can you write a short paragraph describing the best conditions for someone to plant their seed and germinate it successfully.

<p><b>Useful words</b> water, soil, germinate, waterlogged, moist, dry, space, roots, shoot, seedling</p>	<p><b>Sentence starters</b> If you would like to germinate a seed ... To help your seed... You will need to... Plant your seed in ...</p>
<p><b>Conjunctions</b> however, but, although</p>	

## Challenge!

Miss Richardson grows a type of plants called succulents at home. They reproduce (make more) without seeds! Investigate how they do this!

