

An introduction to the growth of plants 

# How Plants Grow



# THE BASICS

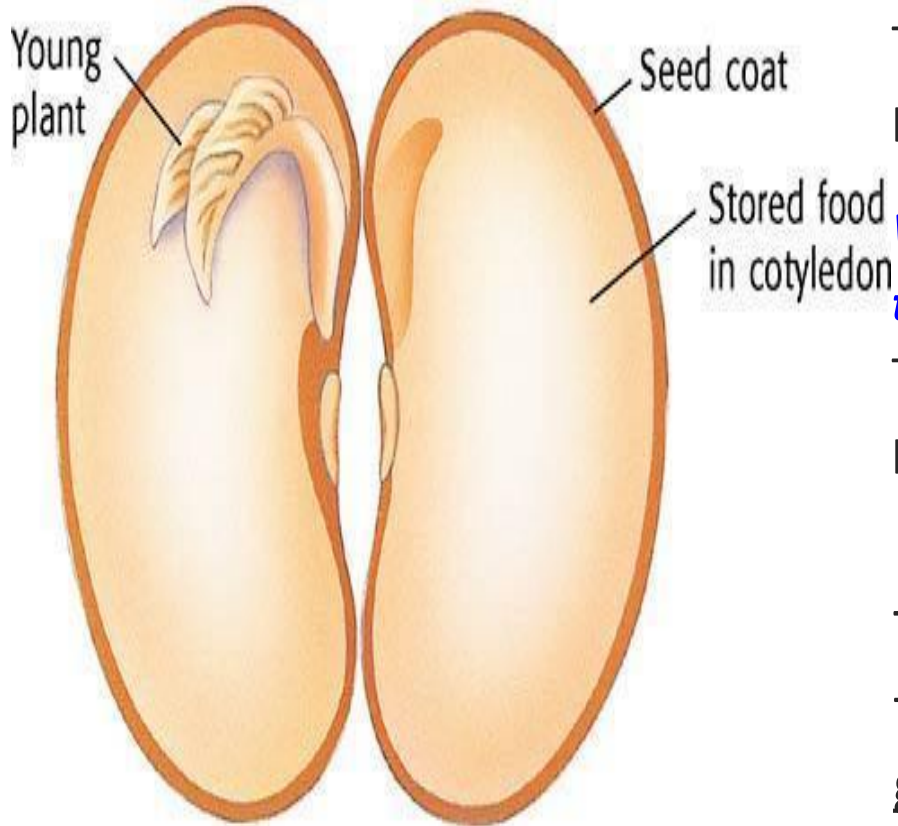




**SEED GETS PLANTED INTO THE GROUND**



# What really is a seed?



Did you know that seeds are **NOT** empty on the inside?!

They actually have a tiny young plant within them.

***Why do you think seeds are hard on the outside?***

The hard outside of the seed protects the small plant from harm.

That's the main purpose of the seed, it is to protect and give food to the tiny plant in the inside.

# What is it about the ground that plants need?



Soil has a lot of great nutrients and minerals like nitrogen and phosphorus that are super important to the growth of plants. Without soil, plants wouldn't be able to grow.

The soil helps the little plant inside to **“break out”** of the seed coat and begin to grow.





**Plant sprout comes out of  
the ground**



# What the Plant Needs



Once a plant “breaks” from its seed’s barrier, the plant begins to grow.

***Do you think a plant just grows UP, towards the sky?***

Plants actually grow both ways! The leaf grows up towards the sky, while the roots grow deep into the ground.



**Why must the leafy part of the plant leave the soil?**

The seed knows that it must break itself from the soil and find sunlight as fast as it can.



# Plant Grows





# Growing Plants

Once the plant hits the sunlight it begins to grow taller and more mature due to the sunlight and nutrients it is receiving.





***Why is the sun so important for plants?***

Plants need the sun to undergo PHOTOSYNTHESIS,  
which is the plants way of breathing.



**Now you know the basics of  
how plants grow!**

