Ministry of Education
Curriculum Planning & Development Division

Level: Standard One
Primary School Curriculum of Trinidad and Tobago

Subject: Agricultural Science

Specific objective:

1.1.1Explain the main steps in growing plants, employing good environmental practices.

Topic: Growing a plant from a seed.

At the end of the lesson you should be able to:

- Learn about seeds.
- Learn about germination.

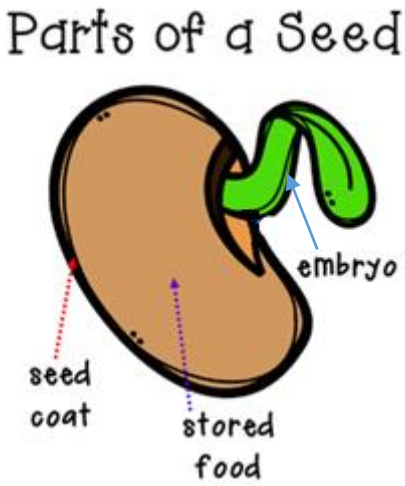
CONTENT

A seed has a new plant inside of it. The new plant found inside the seed is called an **embryo**. The seed has food for the embryo to help it to grow.

The embryo stays asleep in the seed and is protected by the **seed coat** until it is ready to grow.

When a new plant begins to grow from a seed, the process is called **germination.**

Most seeds just need some **water** and **warmth** for germination to take place.



STUDENT SELF ASSESSMENT

Subject: Agricultural Science

Topic: Growing a plant from a seed.

germination	seed coat	asleep
	plant	

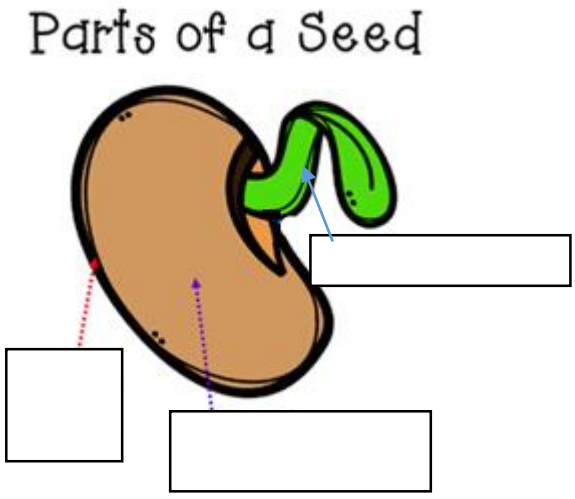
SELECT THE CORRECT WORD FROM THE BOX TO COMPLETE THE SENTENCES BELOW:

1. The new _____ found inside the seed is called an embryo.

2. The embryo stays _____ in the seed and is protected by the _____.

3. When a new plant begins to grow from a seed, the process is called _____.

LABEL THE FOLLOWING SEED



STUDENT SELF ASSESSMENT

LET'S EXPLORE!

Activity: Collecting seeds from our home to germinate

Things to Collect:

1. **Seeds from your kitchen or from around your house.**
2. **Soil**
3. **Water**
4. **Container**
5. **Record sheet**

Activity

1. **Collect seeds from your kitchen or from around your house. These can be seeds such as: red bean, channa, dried peas, sunflower seeds. Let an adult help you collect the seeds to plant.**
2. **Plant your seeds in soil, either in the ground or in a container. *Let an adult help you prepare the container for planting.***

   Steps in making a planter from a container:

   a. **Cut a water bottle in half**
   b. **Makes holes at the bottom for the water to drain through.**
   c. **Place a small amount of fine gravel or small pebbles at the bottom of the container.**
   d. **Fill container with soil.**

      You can find more information about container gardening by visiting the following website:

      https://agriculture.gov.tt/wp-content/uploads/2017/11/container-planting.pdf
3. **Water seeds once a day and observe what happens.**
4. **After your seeds germinate, record what you see every week for four (4) weeks.**

RECORD SHEET

WEEK	Number of leaves	Height of Plant in cm	Drawing of my plant
ONE			
TWO			
THREE			
FOUR			

End of Lesson