



**TOPIC: Plants - Increasing the Numbers**

**REVISION ASSIGNMENT-2 (Investigating the Seed)**

NAME - \_\_\_\_\_

CLASS V/ SEC \_\_\_\_\_

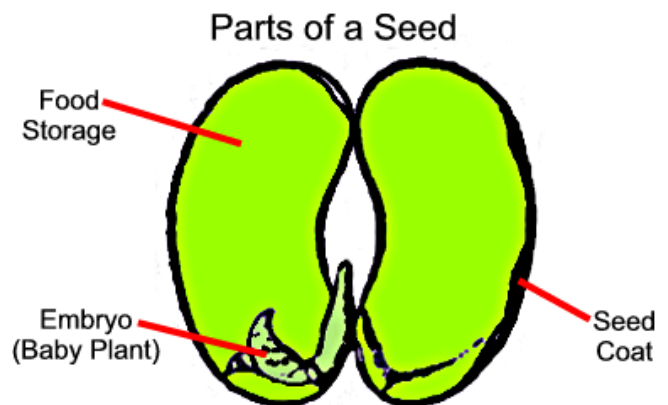
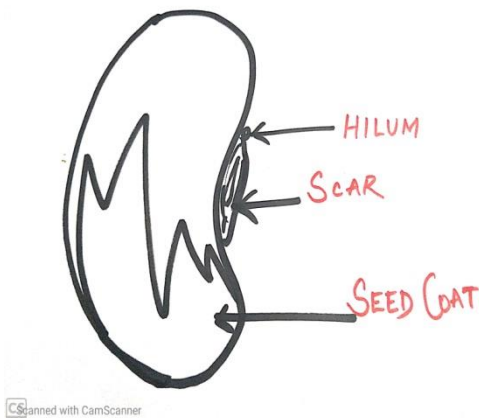
Date – 04.05.2020

Dear children, let us try and recall what we have learnt...

**LET'S RECALL**

(Please note: **NOT TO BE DONE IN THE NOTEBOOK**)

1. A **seed** gives rise to a new plant.
2. A seed has the following parts:- (See the diagram given below carefully)



- a) **Hilum** - Tiny opening/pore on the outside
- b) **Scar** - Point of attachment
- c) **Seed Coat** - Outer hard covering for protection
- d) **Cotyledons/Seed leaves** - contain stored food for baby plant.
- e) **Embryo** - Tiny baby plant inside the seed. It has two parts: **Radicle** and **Plumule**

You can try this too!!!

**Soak a few gram seeds/any other dicot seed and observe the above parts.**

3. A seed with -

a) **One** cotyledon only - **MONOCOT SEEDS** e.g. - rice, maize, wheat etc.



b) **Two** cotyledons - **DICOT SEEDS** e.g. - bean, gram, almonds etc.



### Let's Practise

Now answer the following questions - (**To be done in the notebook**)

QI . **Fill in the blanks:-**

- 1) We need a mango \_\_\_\_\_ to grow a new mango plant.
- 2) The seed coat is the \_\_\_\_\_ , \_\_\_\_\_ covering of the seed for \_\_\_\_\_ of the baby plant inside.
- 3) \_\_\_\_\_ is an example of a monocot seed.
- 4) The \_\_\_\_\_ marks the point of attachment of the seed to its fruit.

QII. **Match the columns:**

<b>A</b>	<b>B</b>
1. Radicle	a. Plumule
2. Embryo	b. Cotyledon
3. Green leafy structure	c. Absorption of water
4. Stored food	d. Root system
5. Hilum	e. Baby plant

QIII. **Write true (T) or false (F) for the following statements-**

- 1) We all depend upon plants for many useful plant products besides oxygen and food.
- 2) Whole Moong Dal seeds are examples of monocot seeds.
- 3) The seed leaves protect the seed.
- 4) The baby plant uses the food stored in the cotyledons to sprout and grow.
- 5) Soaked seeds are smaller, hard and shrunken as compared to dry seeds.