



Seed GERMINATION

Name _____

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Period _____

GERMINATION is the early *G* _____ of an *E* _____ plant from a *S* _____.

Observe GERMINATION by GERMINATING 5 or 10 SEEDS.

A. SEED REQUIREMENTS:

1. Use paper towels and a plastic bag for a PLACE.
2. Be sure they get *W* _____, as moisture. Too much will keep air out.
3. To use the stored FOOD in the seeds, they need *O* _____.
4. WARMTH will be provided.

B. CLASS REQUIREMENTS:

1. Position SEEDS so you can see them through the plastic. To do this, use moist paper towels to create a shelf or area so BOTH ROOT and LEAVES have room to grow.
2. Position SEEDS so some of them are UPSIDE DOWN.
3. LABEL with your NAME, PERIOD, and starting DATE.
4. NO WATER STANDING IN BAG.

C. Write and/or illustrate OBSERVATIONS at least 5 times.

1. Describe your set up, including number and type of seeds.
2. What grew first?
3. Describe growth of both UPSIDE DOWN and STRAIGHT UP seeds.
4. When did you notice ROOT HAIRS?
5. When did you notice green chlorophyll forming?
6. Did you observe the food supply of the seed shrink as the plant grew?

Starting Date _____ Day ZERO

Day # _____

Type and Number of Seeds:

Describe/Illustrate Placement of seeds.
BE SPECIFIC.

Describe any other special treatment.



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Day # _____

Day # _____

Day # _____

Day # _____

HAVE CHECKED 2 points EACH