

Procedures:

1. Put a piece of tape on the lid of the petri dish and write your name on the tape.
2. Trace petri dish bottom on quartered paper towel and cut out the tracing.
3. Place tracing in bottom of petri dish and draw a large + sign on the paper towel.
4. Label each quadrant with the type of seed that will be in it: 'bean', 'pea', 'radish', and 'lettuce'. Place two seeds of each type in the appropriate quadrant.

5. Make, draw, and write observations of all eight seeds on the Daily Log worksheet.

6. Determine how many milliliters of water to give the seed record the number of ml. on the Daily log worksheet, and water the seeds.

7. Place the lid on the Petri dish and bring the dish to the designated location (shelf) where it will stay when not observed.

8. Repeat steps ~~three~~ five through seven for six school days, and record when seeds germinate in that time frame.

Results:

Germination Lab Tables

Germination Lab Results*

Amount of Water Used	Type of Seeds	Number of Seeds	Number that Germinated	Percent that Germinated	To Germinate, seeds need
Period <u>2</u> average water usage and average number of seeds that germinated was	Beans	50	45	90%	Water nutrients Air temp (right amount - constant)
	Peas	50	49	98%	
	Radish	50	49	98%	
	Lettuce	49	44	90%	
29.3 ml. and 187 seeds	TOTAL	199	187	94%	

* These results represent the entire Period 2 class.