

Seed Germination Worksheet

Name: _____ Date: _____

Observe your results at the beginning of each class session and illustrate (if needed) between the water source when seeds have all germinated. Compare the new seedling workdays for that session. It is the order of events resulting through to the second 10 days. Measure the tallest seedling. Make any other observations about germination or seedling growth in the classroom culture. (for example, growth toward or away from the light; unexpected results; differences in growth rates; color, and so on. Below is an example showing how a completed table should look.

Session	Days since starting*	Number of seeds germinated (0-10)	Height of tallest seedling (0.1 cm)	Observations
1	0	0	---	All seeds are dry and hard
2				
3				
4				
5				
6				
7				

*Remember to subtract days for a weekend!

Questions:

1. What percent of your seeds germinated? _____
2. How many days did it take for all seeds to germinate? _____
3. Which of the following conditions did your seeds require to germinate? (check all that apply.)
moist
light
warm
oxygen
carbon dioxide
4. What served as a food source for your germinating seeds?

5. What is the greatest height, in the second 10 days, reached by your seedlings through Session 11?

6. If the plant has light and water, can it continue to grow indefinitely? yes/no
 Why or why not? _____