

Plant-A-Plant – Seed Germination Worksheet

Date: _____

- 1) Record days when:
 - a) First sprout is observed
 - b) 50% of seeds have sprouted
 - c) 75% of seeds have sprouted
 - d) Seedlings are planted in the experimental system
- 2) Add more water to the germination tray if perlite/sand feels dry.
- 3) Transplant seedlings to experiments when sprouts are 2-3cm long (approximately 7 to 9 days).

TABLE 1: Seed Germination Observations

Day	Observations
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

TABLE 2: Average Seed Weight

	Weight of Seeds
Total weight of 200 seeds	
Average weight of a seed	

Average weight = weight of all seeds / number of seeds

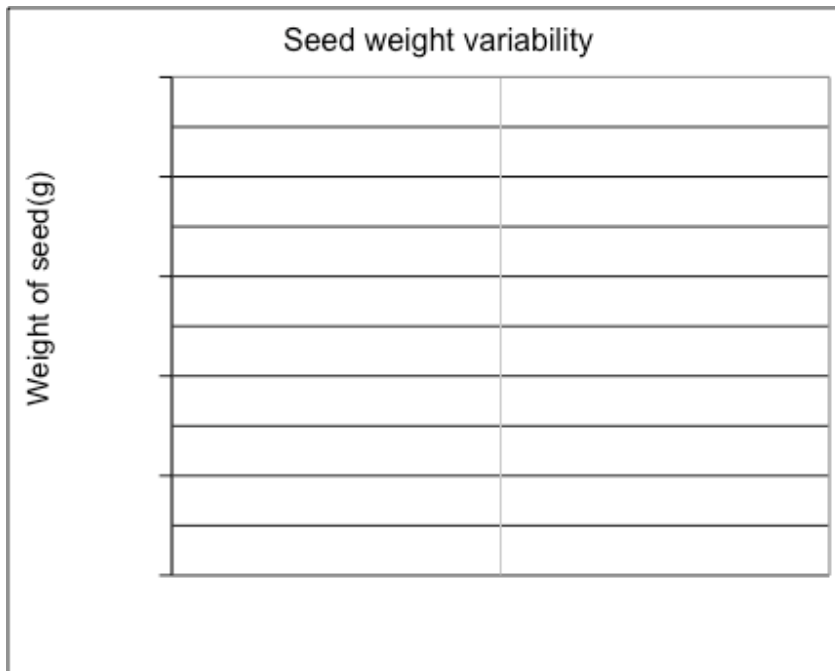
TABLE 3: Variation in Seed Weight

Seed no.	Weight (g)	Seed no.	Weight (g)
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

TABLE 4: Number of seeds

Count how many seeds have same weight as the average, how many weights are below and how many above.

	Number
Seeds "lighter than average"	
Average seeds	
Seeds "heavier than average"	



Graph: Variation in seed weight

Determine scale and graph type. For assistance see part 3 of the Seed Germination Laboratory Guide.