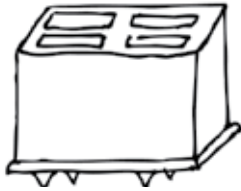


Plant Growth Experiment: Nutrients

Group Names: _____

Question: How do different amounts of nutrients change the way a plant grows?

Hypothesis: How do you think plants will grow with different amounts of nutrients? Draw a plant and show what you think will happen if plants receive no nutrients, some (6 pellets) nutrients or a lot of nutrients (12 pellets).



0 PELLETS



6 PELLETS



12 PELLETS

Describe your drawings in the space below.



Plant Growth Experiment

Group Data Collection Sheet:

Name: _____

Date: _____

Treatment: How many fertilizer pellets did you use:

	Number Seeds Germinated	Plant Height (cm)	Number of Leaves	Number of Flowers	Number of Seeds
Days					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					



Plant Growth Experiment

Explain Data:

Name: _____

As a group, answer the following questions:

Which treatment had the tallest plants? _____

What was the height of the tallest plant? _____

What was the height of the shortest plant? _____

Which treatment had the most leaves? _____

Which treatment had the most flowers? _____

Which treatment had the most seeds? _____

How many seeds? _____

Which treatment had the least amount of seeds? _____

How many seeds? _____

What was the strangest thing you observed? _____

Why do you think this happened? _____

Reflection

What did it feel like to work as a member of a group? _____

What did you like best about this experiment? _____

What new questions do you have about plant growth? _____

How did your group decide who would to perform which experiment? _____



Plant Growth Journal

Name: _____

