Name:	Date:
Using the Scientific Method in Plant Lab	Mrs. Marsigliano
Do Now: Write down the steps of the Scientific Method be 1 2	
3.	
4	
5	
Background: Scientists learn by asking questions and coming to discover more, scientists design experiments based on the observations. You will be a scientist, and design an experimenthod. You will be able to record the outcome using your to a conclusion about your experiment.	ir questions or ment using the scientific
Experiment: Your experiment will be based on a question regard will choose what you would like to experiment with using materials: potting soil sugar water salt water tap water seeds sunlight (windowsill) / lack of sunlight (cabinet) paper cups	0 k
Directions: Using the materials below, write a hypothesis that y should be a "ifthen" statement.	ou will test. A hypothesis
My hypothesis is:	
In order to test your hypothesis, you will perform a contro What will be the controls to your experiment? 1. 2. 3. 4. 5.	lled experiment.

What will be the one variable you will be testing? 1	
Procedure: The procedure you will write for an experiment must be every detailed. Early and every step you complete must be written down. (Remember, a procedure should be so clear and detailed that a student in California could pick up this lab a follow the same exact procedure you followed.) Write down the procedure you will follow in your experiment to test your hypothesis. (You may not use all of the lines provided below, or you may need molines to write your complete procedure)	nd
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Data:

Draw a table that you plan to use in order to record that data of your experiment.

Results: Place your results in a graph or chart.
Conclude: What can you conclude from your results? Be sure to address your original hypothesis.