## Experimental Design School Tube Video Questions

<ol> <li>What is the testable question?</li> <li>What are the factors that are affecting the plant?</li> <li>What is a variable?</li> <li>Which variables are being eliminated in the investigation?</li> <li>Which variable is going to be tested?</li> <li>What two questions are being asked about the plant?</li> <li>What is the independent variable?</li> <li>What is the dependent variable?</li> <li>What is a hypothesis?</li> </ol>	1. What is the problem with the basil plants?
<ol> <li>What are the factors that are affecting the plant?</li> <li>What is a variable?</li> <li>Which variables are being eliminated in the investigation?</li> <li>Which variable is going to be tested?</li> <li>What two questions are being asked about the plant?</li> <li>What is the independent variable?</li> <li>What is the dependent variable?</li> <li>What is a hypothesis?</li> </ol>	
<ul> <li>4. What is a variable?</li> <li>5. Which variables are being eliminated in the investigation?</li> <li>6. Which variable is going to be tested?</li> <li>7. What two questions are being asked about the plant?</li> <li>8. What is the independent variable?</li> <li>9. What is the dependent variable?</li> <li>10. What is a hypothesis?</li> </ul>	2. What is the testable question?
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10. What is a hypothesis?	8. What is the independent variable?
	9. What is the dependent variable?
11. What are the three words included in a hypothesis statement	10. What is a hypothesis?
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12.	Write the hypothesis statement.
13.	How many basil plants are being tested?
14.	How man grams of fertilizer are given to each plant?
15.	How much fertilizer does the control plant contain?
16.	What are the controlled variables?
17.	What is the title of the graph?
18.	What is the title of the Y axis?
19.	What is the title of the X axis?
20.	What two things are done with the graph?
21.	Was the hypothesis supported?
22.	What 3 questions does analyzing data answer?
23.	What does the data suggest?