## Review – Variables (IV, DV, CV)

Name	e Date Core _	<del> </del>
	I can identify and explain three different types of experimental variables. I can write a formal hypothesis.	
Direct	tions: Watch the Video clip: Scientific Variables and answer the following questions.	
1.	An independent variable (IV) is	
2.	What was the independent variable in Mr. Koning's plant experiment?	
3.	Controlled variables (Constants) are	
4.	It is important to have controlled variables because they keep the experiment	
5.	List 3 controlled Variables (constants) in Mr. Koning's the plant experiment?	
	A	
	B	
	C	
6.	A dependent variable (DV) is	
7.	What was the dependent variable in Mr. Koning's plant experiment?	
8.	Recap: Why is it important to only have 1 Independent Variable in an experiment?	

9. In the space below, <u>draw a picture</u> that explains Mr. Koning's plant experiment.

## IV, DV, CV & Hypothesis Practice

Directions: Identify the variables (IV, DV, and CV) for each of the following questions.

	Independent Variable IV	Dependent Variable DV	Constants CV
How does the day of the week affect how much time 6 <sup>th</sup> graders spend exercising?			
How does the frequency in which 6th graders get colds affect their body weight?			
How does the presence of dams affect the number of fish living in a river?			
How does a person's age affect their ability to see road hazards?			
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ormal Hypotheses (s	singular = hypothesis.	plural = hypothese	es)
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