

Experimental Design

Activity

Students will design an experiment to test one of their questions.

The ability to design an experiment is the key to successful science.

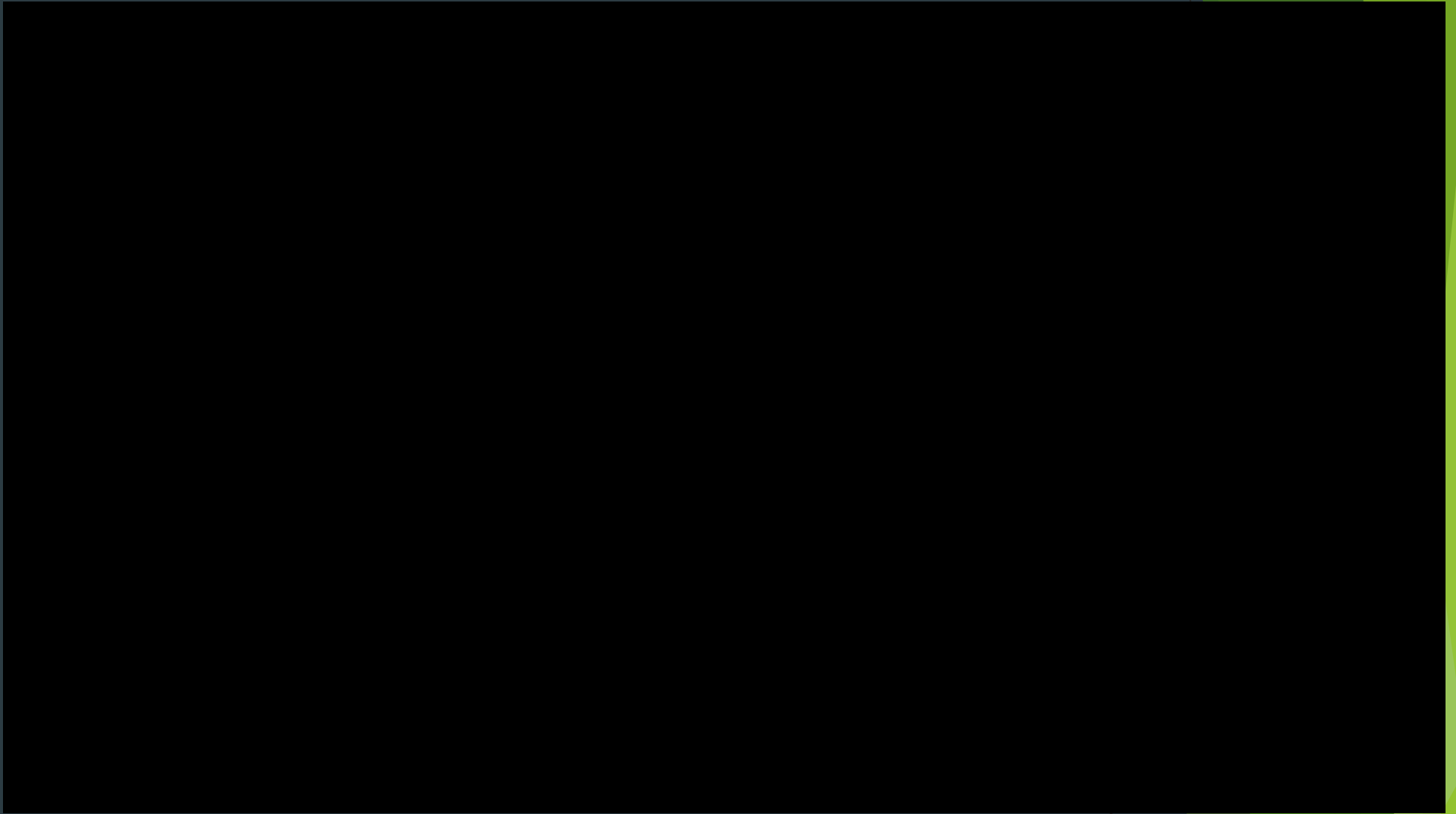
Individually in the Notebook, every student will create and complete the Experimental Graphic Organizer (Picture on board).

As a Group on the poster, there will be the Experimental Graphic Organizer, and a Drawing of your Experiment.

Experimental Graphic Organizer

Item (Topic):		Procedure
Question: (How does _____ affect/effect _____?)		1. 2. 3. 4. 5. 6. 7. 8.
Hypothesis:		
Independent Variable	Dependent Variable	
Constants	Control Group	

Procedure Writing = Peanut Butter, Jelly Time!

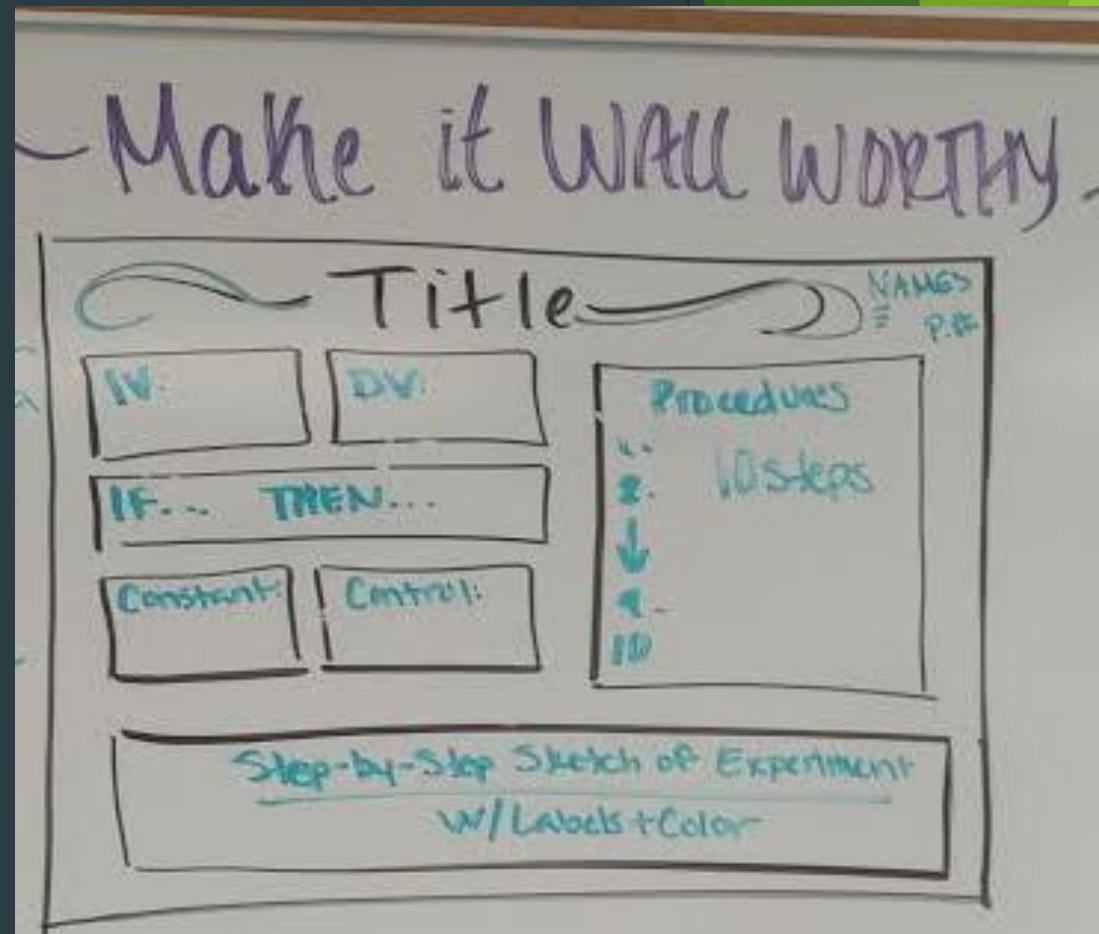


https://www.youtube.com/watch?time_continue=51&v=cDA3_5982h8

Lets Get Started:

- Groups of 1, 2, or 3 only!
- Choose an Ad with a claim to test
 - Can't chose an Ad that's already taken.
- **Complete Draft by Tuesday Sept 5th to get a poster paper.**
- Use class time wisely, and you will get ONE poster paper.
- **Complete Poster by Wednesday 9-6-17**

(If absent, then you were placed in a group)



Group Points:

Title & Name 10

Color 10

Experiment Components 10

Sketch 10

Procedures 10

Total 50 POINTS

Individual Points:

Notebook Draft 30

Make your poster **WALL WORTHY**

If your poster gets on the wall,
then everybody in the group gets 5pts extra
credit!