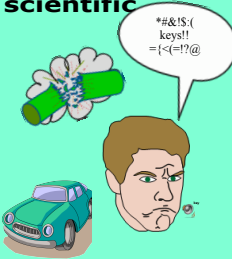


TP: Students will analyze problems as an introduction to the scientific method.

Do Now: Your dad has lost the car keys.
What can you do to help him find them.

Homework Due Wednesday
Rd pp. 7-9
p.9 Copy & Answer # 1- 4
Vocabulary (in the back of your Notebook)-
skepticism, universal laws, ethics
Due Wednesday: Demon in Freezer Journal
Quiz-Tuesday Lab Safety

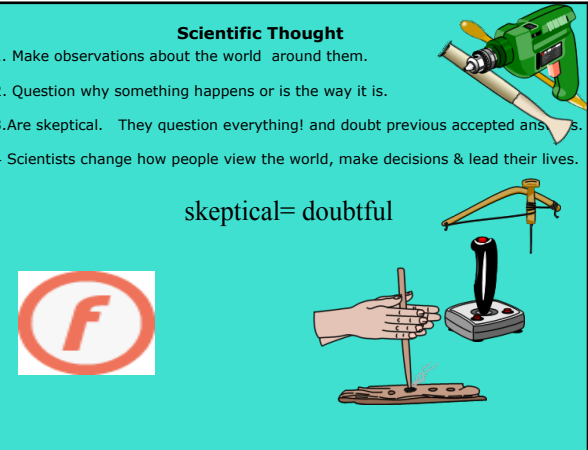



Jul 28-4:49 PM

Scientific Thought

1. Make observations about the world around them.
2. Question why something happens or is the way it is.
3. Are skeptical. They question everything! and doubt previous accepted answers.
4. Scientists change how people view the world, make decisions & lead their lives.

skeptical= doubtful

Jul 28-5:27 PM

Safety Rules

1. Wait for instructions *LE 1 9/10/12*
Read all **I**
2. Do not touch equipment until directed
3. Don't taste anything or drink
4. NO FOOD or WATER During Lab!
5. Use PPE as directed
6. microscope/scales > carry w/2 hands

Sep 10-8:54 AM

TP: Exploring the components of scientific thought

Do Now: Study for Safety Quiz

Homework

1. DITF journal due tomorrow
2. Read pp.10-13 p.13 # 1-3 Copy & answer questions on loose leaf

Sep 11-7:46 AM

I. Elements of Scientific Thought

- Making Observations
- Using evidence to draw conclusions
- Being skeptical about ideas
- Being open to change when new discoveries are made
- Use the work of others to build on

II. Universal Laws

- Truths that are valid everywhere in the universe.
- Govern science

Examples:

Sep 14-10:10 AM

III. Science requires Ethical behavior

- The ability to know what is good and bad
- Scientists need to judge what the impact of their work is
- How will individuals, groups, society, the environment be impacted

Sep 15-7:16 AM

LE 1
LE4
9/12/12

TP: Scientific thought as components of the scientific method

Do Now: Autism is a diagnosis that is becoming more frequent. Can you write a problem and hypothesis about autism & its causes

Homework
Study

Sep 12-8:09 AM

The Process of the Scientific Method

- Questions
- Problems
- Research
- Observations/ Inferences
- Hypothesis
- Experiments, More observations
- Data Collection
- Analysis
- Conclusion

Sep 12-6:33 AM

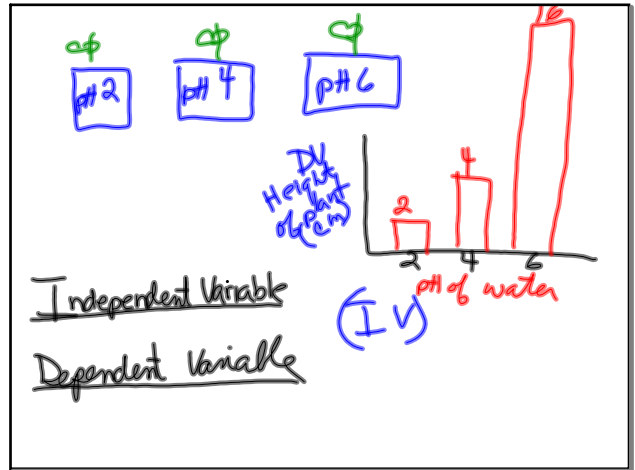
9/13/12
LE1
LE4

TP: Students will read a science current event to analyze for the scientific method

Do Now: Start reading NY Times "Autism" article. Then discuss at your table to identify the:

- Problem
- Hypothesis
- Experiment
- Independent variable
- Dependent variable
- Data
- Conclusion

Sep 9-10:33 PM



Sep 13-10:48 AM

9/13/12
LE4

Autism

Ⓟ Why are so many children devel.
Ⓜ what causes autism?
• Why do older men give their children a higher risk of Ⓜ?
Ⓜ Older men are more likely to father a child that develops Ⓜ due to random mutations

Sep 13-12:12 PM

9/13/12
LE1

Autism Article

Ⓟ What causes autism
Why do older men give their children a higher risk of Ⓜ?
Ⓜ Older men are more likely to father a child w/ autism because of random mutations that come with advancing age

Sep 13-10:57 AM

9/14/12
LE 1
LE 4

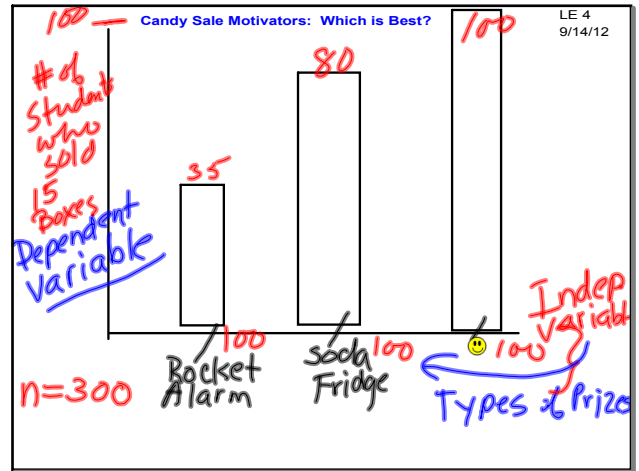
TP: Students will identify independent and dependent variables by analyzing experiments

Do Now: Which prize is the best incentive for selling candy?
How can you test it?

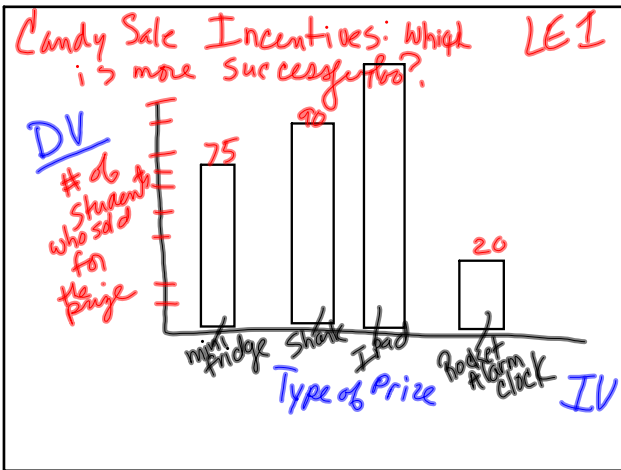
Homework

- 1 sheet of posterboard for each table
- At least 1 copy of DITF per table

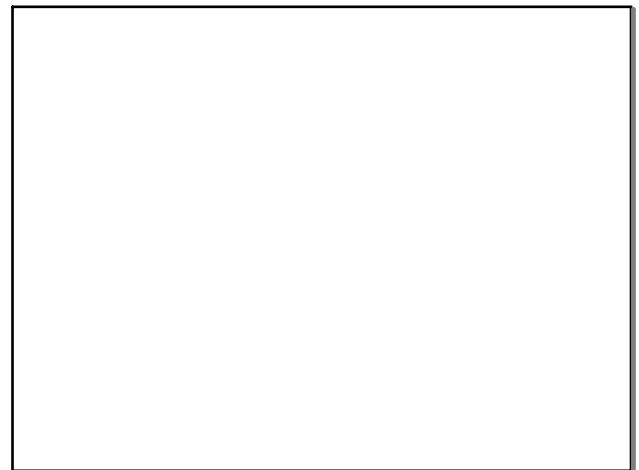
Sep 13-3:49 PM



Sep 14-10:41 AM



Sep 14-8:57 AM



Sep 14-1:51 PM