Mass

Find the individual mass of three of grams) in the data table on your lab the objects. Record the masses (in

Soume me

- Use the CENTIMETER side of the ruler to find the length of each side of the wooden block then use the volume formula to calculate volume
- Volume = length x width x height
- Which lab tool would you use to measure out your lab sheet. 10mL of water? Write the name of the tool on
- Which lab tool would you use to measure out your lab sheet. 100mL of water? Write the name of the tool on

O

- Find the pH of water.
- Record the pH of water on your lab sheet.
- Dip the pH meter in the water provided before testing the other unknown liquids.
- Repeat the first two steps on the other two liquids (sugar water & soda)

Observations

- observation on your lab sheet. Record the definition for quantitative
- · Quantitative observations are measured quantities.
- Make 3 quantitative observations about the Classroom

Observations

- Record the definition for qualitative observation on your lab sheet.
- Qualitative observations are the descriptions that can be made by examining with all senses
- Make 3 qualitative observations about the classroom.

Scientific Method

1. Question

Ask a question. What do you want to learn more about? What do you find interesting?

2. Hypothesize

Research to help you make an educated guess, or hypothesis, and then answer your question.

3. Experiment

Test your hypothesis by making a plan and conducting an experiment.

4. Observe & Record

Make careful observations, collect data, and write down what happens.

5. Analyze

Use your information to draw a conclusion about your experiment. Was your hypothesis correct?

6. Share Results

Explain your results.

ndependent Variable

- Record the definition of independent variable on your lab sheet.
- Independent variable: the factor that is changed in the experiment
- variable from the scenario. sheet and identify the independent Read the scenario at the end of the lab
- Record the independent variable on your lab sheet

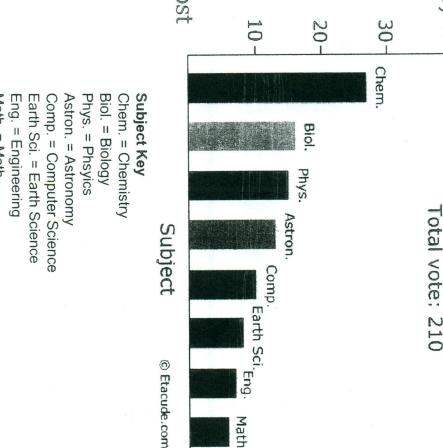
- Sheet Record the definition of control on your lab
- · Control: the group that is not experimented on
- Read the scenario at the end of the lab sheet and make a control group for the experiment.
- Record the control on your lab sheet.

Typoches:s

- Record the definition of hypothesis on your lab sheet
- Hypothesis: a prediction that can be tested
- Read the scenario at the end of the lab sheet and make a hypothesis
- Record your hypothesis on your lab sheet.

Gaphing

- Use the graph to answer the (%) 40-following questions. Record the answers on your lab sheet IN 30-COMPLETE SENTENCES.
- What is a possible title for this graph?
- Which subject received 10% of the total vote?
- Which subject received the most votes?
- Which subject received about half the votes as Chemistry?
- How many votes did Earth Science receive?



Density

- First, find the mass of the cube using the scale.
- Second, find the volume (I*w*h) of the cube.
- Use the formula calculate density
- Density = mass/volume

- Measure the length of your arm span using the measuring tape on the counter.
- Ask your partner to measure your height using the other measuring tape.
- · Are they the same?

Safety Station 15

Use the picture and find five broken safety rules.

