

Physical Science Quiz 1 – Study Flipper

Directions: Fold a piece of paper in half (like a hotdog). Cut a slit on the front cover, one slit for every inch. This will make a place to write 11 questions. When you flip question open, write the answer on the inside. This is shown in class.

1) What are the parts of the scientific method?	<ul style="list-style-type: none">- Ask a Question- Make Observations- Form a Hypothesis- Test The Hypothesis- Analyze The Results- Form A Conclusion- Communicate The Results
2) Define “Observation”	Something can be made using only the 5 senses (site, touch, hear, taste, smell).
3) Define “Inference”	A guess or decision you make about something you observe.
4) Give 3 examples of observations	<ul style="list-style-type: none">- It feels soft.- It looks like cake.- It smells like tree sap.
5) Give 3 examples of inferences	<ul style="list-style-type: none">- I think it's a plant cell.- I think it has a high density.- I think it's tree sap.
6) Define “Matter”	Anything that takes up space
7) Define “Mass”	The amount of matter something has.
8) Define “Volume”	The amount of space something takes up.
9) Define “Density”	The amount of matter within a certain amount of space (mass divided by volume)
10) Explain how to find the volume of an irregular solid.	Pour a certain amount of liquid into a container and measure it. Place the object in the container and measure how much the water rose.
11) What do you use to measure mass, and what unit is used?	Use a balance scale to measure mass. The unit is grams (g)