DENSITY LAB 1: Density Blocks

3) Calculate the volume of each block.4) Divide to calculate Density for each block.5) Predict if the object will sink or float.

QUEST	QUESTION: If 2 objects are the same VOLUME (size), but different MASS, which is denser?				
НҮРОТ	THESIS:				
TEST:					
	<u>Materials:</u>				
	-triple beam balance				
	-ruler				
	-2 blocks				
	-calculator				
	Procedure:				
	1) Find the mass of one block and record.				
	2) Find the mass of the other block and record.				

RESULTS:

Mass (g)	Volume (cm³)	Density (g/cm³)	Sink or Float? Prediction!

DENSITY LAB 2: Density of 2 Different Objects

HYPOTHESIS:	
TEST:	
<u>Materials:</u> -triple beam balance	

- -graduated cylinder & water -one color cylinder
- -another color cylinder
- -calculator

Procedure:

- 1) Find the mass of each cylinder using a triple beam balance and record in the table below.
- 2) Find the volume of each cylinder and record in the table below.
- 3) Using the formula, calculate Density for each object.
- 4) Predict whether the cylinder will sink of float.

RESULTS:

Color of Cylinder	Mass (g)	Volume (cm³)	Density (g/cm³)	Sink or Float? Prediction!
Cylinder				
Cylinder				

Density Lab 3: Density of Liquids

HYPOTHESIS:	quids have the same density		
of an em 2) Use the	cylinders	he graduated cylinder. REMI	EMBER to subtract the mass
Type of Liquid	Mass (g) (HINT: subtract the mass of an empty G.C.)	Volume (mL)	Density (g/mL)
Water		mL	
Corn Syrup		mL	
Oil		mL	
	on your investigations, aids might appear if you into the same	Liquid on the	emiddle: