

WHERE DO SPACE ROCKS COME FROM?



To make up a 100mL comet try this standard recipe:

- 60mL water,
- 5mL methanol,
- 5 ml vinegar,
- 5mL honey,
- 25mL dirt

Add ingredients to a plastic bag and mix from the outside with your hands. Squeeze air out of bag and twist ends closed. Place in freezer overnight.

Our group is testing the variable: _____

The constants will be: _____

	Comet 1	Comet 2	Comet 3	Comet 4	Comet 5	Comet 6
Water (mL)						
Methanol (mL)						
Vinegar (mL)						
Honey (mL)						
Dirt (mL)						
Maker's name:						

Predictions: _____

Observations: _____

From our evidence, the best amount of _____ is _____.

Why do comets appear to have tails? _____

When do comets have tails?

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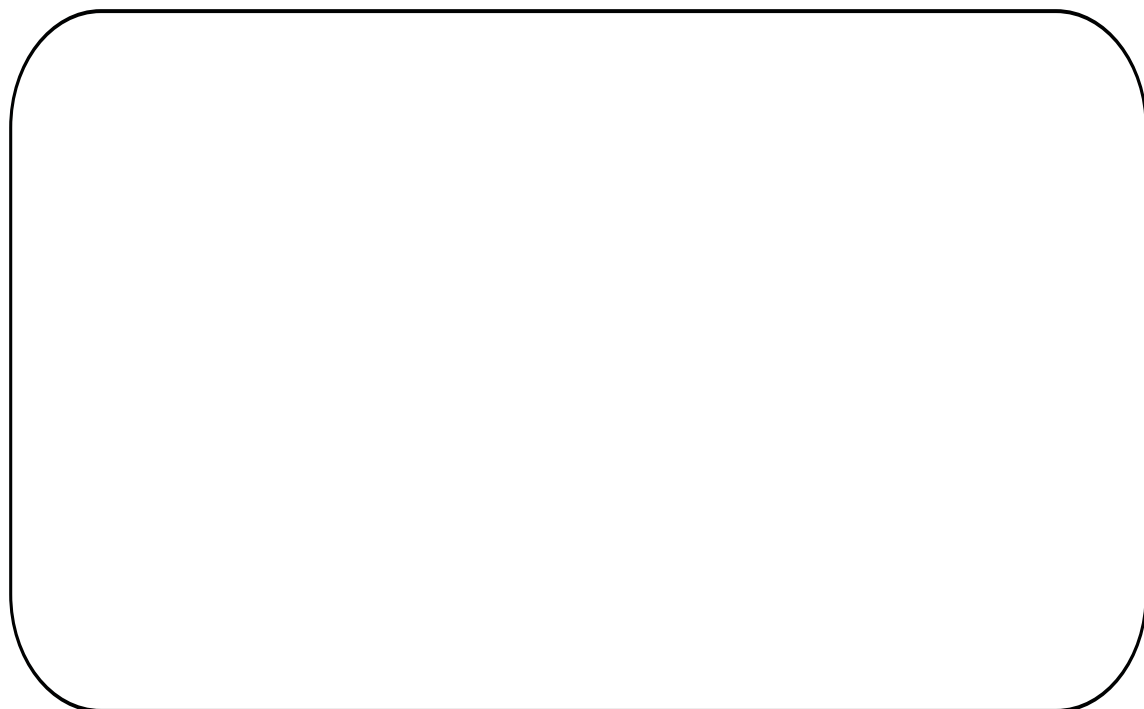
1. Initial observations

Features	Tick or make notes
Unusually heavy	
Magnetic	
Clues through the ablation crust?	

2. Prediction

Based on initial observations, I think this is a _____

3. Cross section – sketch & label



Features	Represented by	Tick and/or make notes
Ablation crust	black paper	
Rocky	pebbles	
Chondrules	sinkers	
Olivine crystals	crystal beads	
Iron	magnets	
Organic molecules	seeds	

4. Based on cross section information, I think this is a _____

5. This meteorite is likely to have come from _____