

What is Oobleck ?

1. What do you know about the states of matter?

a) List the properties of solids, liquids, and gases :

Solids :

Liquids :

Gases :

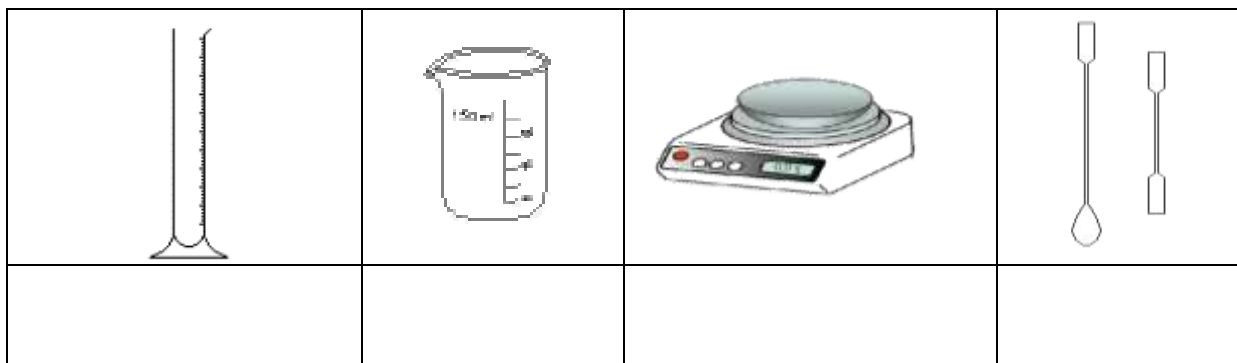
b) Do you think those are solids, liquids or gases?

	Solid	Liquid	Gas
Ice			
Water			
Flour			
Honey			
Carbon Dioxide			
Snow			

2. Preparing some Oobleck

a) Find your words

You will find on your table everything you need to prepare this mysterious thing called "Oobleck". But what are all those things names?



b) Lab techniques

How can you measure a volume with a graduated cylinder?

How can you measure a mass with a balance and a weighing dish?

c) Preparing Oobleck

Follow the instructions :

- Pour some tap water in a small beaker.
- Measure 20 mL of this water with the graduated cylinder.
- Weigh 25 g cornflour. Put it in a large beaker.
- Add your 20 mL water in the large beaker.
- Stir gently and slowly with a spatula to obtain a smooth mixture.

3. Investigating

Experiment with the Oobleck.

Record your observations about the properties of Oobleck on your copybook.

4. Conclusion

For each observation you made about Oobleck, decide whether it is a solid, a liquid or a gas property. Answer the question: Is Oobleck a solid, a liquid or a gas?