

CLASS 6

SCIENCE ACTIVITY

TOPIC: SORTING MATERIAL INTO GROUPS

What we have to do?

Classify the given materials on the basis of properties, such as hardness, solubility in water and floats in water.

What do we need?

Sand, wheat flour, oil coated paper, sugar, green leaf, pencil box, piece of wood, a coin, a piece of sponge, a container, water, spoon/glass rod, a sheet of white paper.

How do we proceed?

1. Take the given materials one by one and observe the materials which are compressed on applying some pressure. You can determine if they are hard or not by compressing them. Record your observations in a Table.
2. Take a container (like beaker, glass bowl, etc.) and fill it half with water. Add any given material and see whether it floats or sinks (Fig. below). Now stir it with a spoon or glass rod and check if it is soluble or insoluble. Repeat the same steps with other materials also. Record your observations in the Table.



What do we observe?

Record all the observations in this table:

Material	Properties		
	Hard/soft	Soluble/insoluble	Sinks/float in water
Sand			
Wheat flour			
Oil coated paper			
Sugar			
Green leaf			
Pencil box			
Piece of wood			
A coin			
A piece of sponge			