



EVS

Class: 5th

Topic Factors influencing floating or sinking of an object

TOPIC-12

DAY-1 ACTIVITY -1

Try This Experiment

PROCEDURE :-

- Take 2 Oranges -one with peel and other without peel.(outer covering of orange).
- Put both the oranges in water.

After some time

- Write your observations with explanation

NOTE: (Watch the video)

OBSERVATIONS:-

- What happens to the orange with peel(outer cover)? Does it float or sink in water?
- What happens to the orange without peel ?Does it float or sink in water?
- What do you think –why one orange is sinking while other is floating.Give reason?



DAY-2

ACTIVITY-2

- Take one small pebble and one big stone and drop both in water .
Observe what will happen?

OBSERVATION:

- What happens to small pebble ? Does it float or sink in water ?
- What happens to big stone ? Does it float or sink in water?
- Do you think size affects floating or sinking of an object?



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OBJECTS	RESULT		Weight of the object (in grams)(g)
	FLOAT	SINK	
Apple	float		17.8
Needle		sink	3
Guava	sink		24
Spoon		sink	21
Plastic Cap	float		5

DAY-3 ACTIVITY -3

Using the information given in table answer the questions accordingly:

- COMPARE THE WEIGHTS OF APPLE AND GUAVA.
- which has more weight?
- which one among the two floats?

- COMPARE THE WEIGHTS OF SPOON AND PLASTIC CAP.
 - Which has less weight?
 - Which among the two sink?

- Compare the weights of Needle and Plastic cap
 - Which has less weight ?
 - Which among the two sink?



- Do you think weight is a factor which influence floating or sinking of an object?

DAY -4

Try this Experiment

- Take 5 objects of your choice from your home or surrounding ,take it to nearby shop to measure its weight and fill the table

OBJECTS	WEIGHT OF THE OBJECT (IN GRAMS)	FLOAT	SINK

- Which objects float and sink ? write your observations based on experiment performed ?



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