

NCERT Class 6 Science Solutions

Chapter 2: Sorting Materials and Groups



Exercise Questions and solutions:

1. Name five objects which can be made from wood.

Solution:

- a) Table
- b) Chair
- c) Doors
- d) Desk
- e) Box

2. Select those objects which shine from the following:

Glass bowl, plastic toy, steel spoon, cotton shirt

Solution:

Glass bowl and steel spoon are the objects which shine.

3. Match the objects given below with the materials from which they could be made. Remember, an object could be made from more than one material, and a given material could be used for making many objects.

objects and materials

Solution:

4. State whether the statements given below are True or False.

- (i) Stone is transparent, while glass is opaque.**
- (ii) A notebook has lustre while an eraser does not.**
- (iii) Chalk dissolves in water.**
- (iv) A piece of wood floats on water.**
- (v) Sugar does not dissolve in water.**
- (vi) Oil mixes with water.**
- (vii) Sand settles down in the water.**

(viii) Vinegar dissolves in water.

Solution:

i) False

ii) False

iii) False

iv) True

v) False

vi) False

vii) True

viii) True

5. Given below are the names of some objects and materials:

Water, basketball, orange, sugar, globe, apple and earthen pitcher. Group them as:

(a) Round shaped and other shapes (b) Eatables and non-eatables

Solution:

(a) Round shaped - Basketball, Orange, Globe, Apple, Earthen Pitcher

Other shapes - Water, Sugar

(b) Eatables - Water, Orange, Sugar, Apple

Non-eatables - Basketball, Globe, Earthen Pitcher

6. List all items known to you that float on water. Check and see if they will float on an oil or kerosene.

Solution:

A few items that float on water are as follows:

1. Sponge's piece
2. Plastic bottle
3. Paper's piece

4. Thermocol's piece
5. Wood
6. Plastic ball
7. Cork

but these items will not float on oil or kerosene.

7. Find the odd one out from the following:

a) Chair, Bed, Table, Baby, Cupboard

b) Rose, Jasmine, Boat, Marigold, Lotus

c) Aluminum, Iron, Copper, Silver, Sand

d) Sugar, Salt, Sand, Copper Sulphate

Solution:

a) Baby - others are made up of wood

b) Boat - others are flowers

c) Sand - others are metals

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