

Board – CBSE

Class –6

Topic- Sorting Material into groups

1. Find the odd one out from the following:

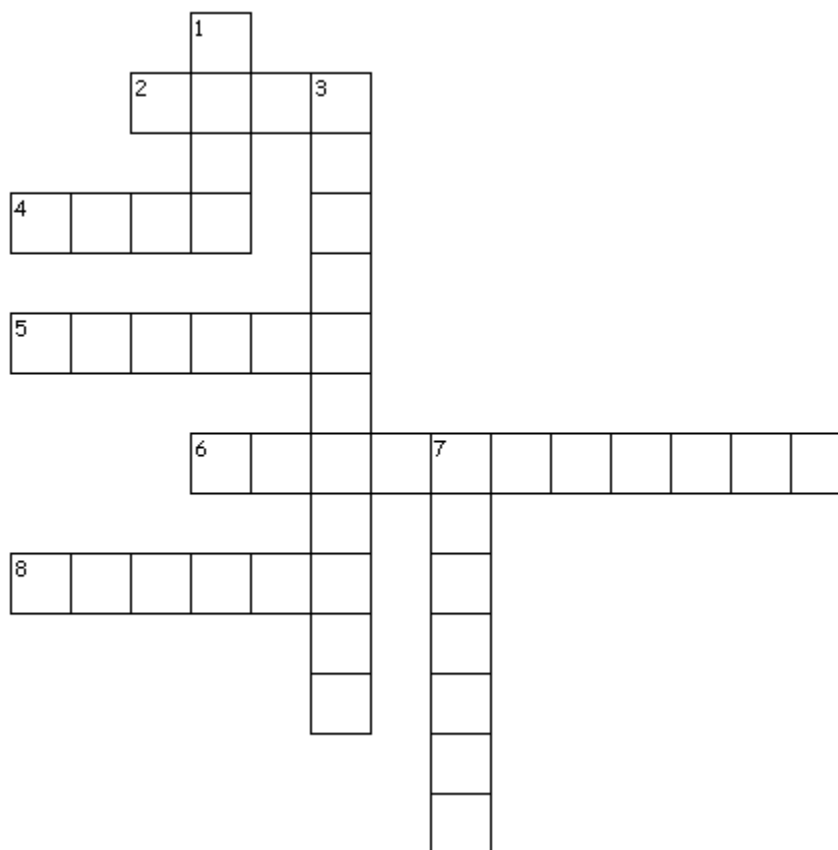
- (a) Chair, Bed, Table, Baby, Cupboard
- (b) Rose, Jasmine, Boat, Marigold, Lotus
- (c) Aluminium, Iron, Copper, Silver, Sand
- (d) Sugar, Salt, Sand, Copper sulphate

2. Match the Column I with Column II

Column I	Column II
(a) Chalk powder	(i) Soluble in Water
(b) Soil	(ii) Insoluble in water
(c) Honey	
(d) Copper sulphate crystals	
(e) Glucose	
(f) Mustard oil	
(g) Sawdust	
(h) Wheat flour	

- 3. Suggest two bases on which we can group objects.
- 4. Name a non-metal that has lustre.
- 5. Is a substance which can be compressed soft or hard?
- 6. Which material is generally used for making pens? Wood, aluminium, plastic, cotton
- 7. Name two objects which are made from opaque materials.
- 8. Why is a tumbler not made with a piece of cloth?
- 9. What is the reason for grouping materials?

10. Kerosene, coconut oil, mustard oil do not dissolve in water, even on shaking. They separate after sometime forming two different layer. Explain why.
11. Metals generally occur in solid state and are hard. Name a metal that exists in liquid state and a metal that is soft and can be cut with knife.
12. How can you show that some solids like sugar, salt are soluble in water whereas solids like chalk powder and sand are not soluble in water?
13. An iron nail is kept in each of the following liquids. In which case would it lose its shine and appear dull?
  - (a) Mustard oil
  - (b) Soft drink
  - (c) Coconut oil
  - (d) Kerosene
14. Crossword Puzzle



Across

2. cotton is a \_\_\_ materials
4. The materials which are difficult to compress are known as \_\_\_\_\_
5. Iron,copper , aluminium is called \_\_\_\_\_
6. The materials through which objects can be seen, but not clearly, are known as \_\_\_\_\_
8. shiny appearance is termed as \_\_\_\_\_

Down

1. Opaque material which we got from trees
3. water is a \_\_\_\_\_ liquid
7. vinegar is \_\_\_\_\_ in water
15. You are provided with the following materials

- (i) Magnifying glass (ii) Mirror  
(iii) Stainless steel plate (iv) Glass tumbler

Which of the above materials will you identify as transparent?

- (a) (i) and (ii)
- (b) (i) and (iii)
- (c) (i) and (iv)
- (d) (iii) and (iv)