

**CLASS-6    TERM- I**  
**SCIENCE ASSIGNMENT**  
**SORTING OF MATERIALS**

1. What do you mean by Classification of materials?
2. What is the basis of classification of materials?
3. Classify the following objects as living or non-living objects:  
Ball pen, child, rabbit, chair, and sparrow
4. What is meant by hard & soft materials? Give 2 examples of each.
5. a) Name two solid materials which are soluble in water.  
b) Name two solid materials which are insoluble in water.
6. Name two gases which dissolve in water to some extent.
7. What is the importance of oxygen dissolved in water?
8. Name one liquid which is miscible with water & one which is immiscible with water.
9. Name two materials which are lighter than water & two which are heavier than water.
10. Name two materials which float on the surface of water & two which sink in water.
11. How are materials classified on the basis of transparency? Give two examples of each.
12. Pick the odd one out & give reasons for your answer:
  - a) Groundnut oil, Cardboard, air, water
  - b) Groundnut oil, sugar, sand, petrol
  - c) Aluminium, copper, gold, chalk
  - d) Iron, diamond, sponge, wax
13. Name the property in which cotton & brick differ from each other.
14. What do you mean by lusture?
15. Name two materials which are non-lusturous.