

Class 6
Science
Chapter 4

Sorting material into groups

1. What is material? Give example

Anything which has mass and occupies space is called matter. The matter of which an object is made is called material. Eg- Wood, iron, canvas, concrete

2. What is meant by hard material and soft material?

Those materials which cannot be easily compressed, cut, bent or scratched are called hard materials. Some examples of hard materials are-iron, steel, stone, bones etc.

Those materials which can be easily compressed, cut, bent or scratched are called soft materials. Some examples of soft materials are-chalk, clay, feather, skin etc

3. What is meant by transparent, translucent and opaque materials?

Those materials through which we can see clearly are called transparent materials.

Ex- glass, air, water.

Those materials through which we cannot see clearly are called translucent materials.

Ex- ground glass, butter glass and oil paper etc

Those materials through which we cannot see at all are called opaque materials.

Ex- wood, metals, brick, stone etc

4. State two differences between living objects and non-living objects?

i) All living objects need food, air and water for their survival whereas non-living objects do not require these things.

ii) All living objects can reproduce and also can react to stimuli whereas non-living objects cannot reproduce and do not react to stimuli.

5. What is an object? What do you mean by classification of an object?

Anything that can be seen and touched is called an object.

The sorting of objects into groups with each group having its own characteristic properties is called classification of objects.