**NORTH POINT SENIOR SECONDARY BOARDING SCHOOL**

**WORKSHEET**

**CLASS - IX**

**CHEMISTRY**

**CHAPTER: 1 - MATTER IN OUR SURROUNDINGS**

**WORK SHEET NO: 1**

1. What is matter?

Answer: A physical substance which has mass and volume (or can occupy space).

2. Mention the characteristics of particles of matter.

Answer: The characteristics of particles of matter are:

(i) Particles of matter have space between them.

(ii) particles of matter attract each other.

(iii) Particles of matter are in continuous motion.

(iv) Particles of matter are very small in size.

(v) Particles of matter can be compressed.

(vi) Particles of matter remain mainly in three states, solid, liquid and gas.

(vii) Particles of matter can change their state.

2. Which of the following are matter? Chair, air, love, smell, hate, almonds, thought, cold, cold-drinks, smell of perfume.

Matters: Chair, air, smell, almonds, cold-drinks, smell of perfume.

**HOME-WORK.**

1. Show by an activity that particles of matter are very small in size.

2. Show by an activity that particles of matter attract each other.

3. Define diffusion.

4. How does particles of matter behave with temperature?

5. We observe that on heating diffusion becomes faster. Why does this happen?