



CHEMISTRY

NCERT - NCERT CHEMISTRY(GUJRATI ENGLISH)

MATTER AROUND US

Think And Discuss

1. Let us stretch a rubber band. Is there a change in its shape?



[Watch Video Solution](#)

2. Is rubber band solid or liquid? Why? (What will happen if the stretching is stopped ? What will happen if the stretching is too much?)

Take some finely powdered salt (not crystals) and keep it in two different jars.



[Watch Video Solution](#)

3. Which shape does the powdered salt take?





[Watch Video Solution](#)

4. Can you say that salt is a liquid on the basis of change in its shape? Justify your answer.

Take a sponge. Observe its shape.



[Watch Video Solution](#)

5. Can you compress it? Is it a solid? Why?

Think. Is anything coming out from the sponge when it is compressed.



[Watch Video Solution](#)

6. Why can't you able to compress a wooden block?



[Watch Video Solution](#)

Let Us Improve Our Learning Reflections On Concepts

1. Explain diffusion phenomenon based on the states of matter. (AS_1)



[Watch Video Solution](#)

2. Mention the properties of solids (AS_1)



[Watch Video Solution](#)

3. Mention the properties of liquids (AS_1)



[Watch Video Solution](#)

4. What is fluid? (AS_1)





[Watch Video Solution](#)

5. Mention the properties of gases (AS_1)



[Watch Video Solution](#)

6. Give two daily life situation where you observe the diffusion (AS_1)



[Watch Video Solution](#)

Let Us Improve Our Learning Application Of Concepts

1. Mention works where we use compressibility in our daily life? (AS_1)



[Watch Video Solution](#)

2. How do you prove that the speed of diffusion of ammonia is more than that of the speed of diffusion of hydrochloric acid? (AS_3)



[Watch Video Solution](#)

3. Give example that the matter which will be available in different states. (AS_1)



Watch Video Solution

Let Us Improve Our Learning Higher Order Thinking Questions

1. Is the space between the particles in the matter influence the speed of diffusion?

Explain. (AS_2)



Watch Video Solution

Let Us Improve Our Learning Multiple Choice Questions

1. Which of the following is available in three states in our daily life (at normal conditions)

A. Petrol

B. Water

C. Milk

D. Kerosine

Answer:



Watch Video Solution

2. Which of the following can be compressed

A. Iron

B. Water

C. Air

D. Wooden piece

Answer:



Watch Video Solution

3. In which of the following substance speed of diffusion is more

A. Smell of Petrol

B. Smell from flowers

C. Smell from Napthaline balls

D. Gas leaked from gas cylinder

Answer:



Watch Video Solution