

LESSON PLAN**SPECIFIC OBJECTIVES**

The students learn about

- ✧ matter and its composition, its features in three states
- ✧ physical and chemical changes

TEACHING AIDS

Pictures/animation on three physical states of water (solid, liquid, gas) and molecular arrangement in three different states; formation of molecules (of different and same type of atoms); matchsticks, rubberband, incense stick

LESSON PLAN

- ✧ Teacher will start the lesson with ‘Science Vocabulary’ section by telling the meaning/definition of new terms which are used in the chapter.
- ✧ Now, teacher will make students recall the features of matter that they learnt in previous class, i.e., matter has weight and occupies space.
- ✧ With the help of teaching aids, teacher will explain the features of three different physical states of matter (as given in table in chapter).
- ✧ With the help of teaching aids, teacher will explain that all matter is made of atoms and molecules.
- ✧ Now, to check the understanding of students about the topic, teacher will ask them to solve ‘Check Point 1’.
- ✧ Teacher will explain the classification of matter into elements, compounds and mixture.
- ✧ With the help of teaching aids, teacher will explain physical changes, chemical changes and their characteristics features (as given in chapter).
- ✧ Now, teacher will ask students to solve ‘Check Point 2’.
- ✧ The teacher will sum up the chapter by going through the points given under the head ‘Wrapping it up’.
- ✧ Finally, the teacher will help students to solve all the questions given in the ‘Exercises’.

BOOST UP

- ✧ While teaching physical and chemical changes, teacher should demonstrate some examples as given in the chapter.
- ✧ Teacher should also give some more examples on changes in matter other than those given in chapter.

EXPECTED LEARNING OUTCOMES

The students

- ✧ know about matter and its composition.
- ✧ can differentiate between three states of matter.
- ✧ can distinguish between physical and chemical changes.

EVALUATIVE QUESTIONS

The teacher may ask the following questions for evaluating the understanding of students:

1. What are the features of matter?
2. What are three states of matter?
3. Which state of matter cannot flow?
4. What is a material composed of?
5. In which change substance remains the same?
6. In which change no new substance is formed?