

LESSON PLAN**SPECIFIC OBJECTIVES**

The students will learn about

- ✧ rocks and their kinds
- ✧ minerals
- ✧ gemstones

TEACHING AIDS

Pictures/charts/models/animations on different types of hard rocks and soft rocks; different types of minerals; different types of gemstones (all as given in chapter)

LESSON PLAN

- ✧ Teacher will start the chapter with the ‘Gear Up’ section introducing rocks as given in the section.
- ✧ Now, teacher will define rocks and their major types (as given in chapter).
- ✧ With the help of teaching aids, teacher will discuss types of hard and soft rocks and their uses.
- ✧ Now, to evaluate the learning of students, teacher will ask them to solve ‘Check Point 1’.
- ✧ Now, with the help of teaching aids, teacher will define minerals, their different types and uses.
- ✧ Then, teacher will define gemstones, some of their types and uses.
- ✧ Now, teacher will ask students to solve ‘Check Point 2’.
- ✧ At last, teacher will sum up the lesson by going through the points given under the head ‘Wrap up now’.
- ✧ Teacher will help students to answer the questions given under the head ‘Practice Time’.

BOOST UP

- ✧ Teacher may encourage students to collect samples of hard and soft rocks.
- ✧ Whenever students visit a historic building or a monument, they should explore the rock the building made of.
- ✧ Students may be encouraged to explore gemstones other than those given in the book.

EXPECTED LEARNING OUTCOMES

The students understand and know

- ✧ the rocks, their types and uses.
- ✧ minerals, their types and uses.
- ✧ gemstones, their types and uses.

EVALUATIVE QUESTIONS

Teacher may ask the following questions for evaluating learning and understanding of students:

1. What is the difference between hard rock and a dull rock?
2. Name the hardest mineral.
3. Name the softest mineral.
4. Name any two gemstones.