

Time

SPECIFIC OBJECTIVES

The students will

- revise the knowledge of time.
- read the time on 12-hour and 24-hour clocks.
- understand the railway timetable.
- learn to convert the time from one unit to other.
- be able to find out the time period between two dates.
- learn to do the four operations of time.

CONTENTS EXPLAINED INSIDE THE CHAPTER

- The 12-hour and 24-hour clocks (pages 168–170)
- Conversion of units (pages 170–171)
- Time period between two dates (pages 172–173)
- Operations on units of time (pages 174–176)

TEACHING AIDS

Railway/air timetable, packets/wrappers of household items, a magnifying lens, paper, a pencil, a chalk and a blackboard

TEACHING STRATEGY

- First, the teacher should ask the students to do 'Let Us Recall' exercise to recapitulate the concepts learnt in the previous classes.
- Then, the teacher should talk about time on 12-hour and 24-hour clocks taking the examples of railway timetable. Also, she should explain them how to read it on the two systems. For text and exercise, she should go to pages 168–170.
- Further, the teacher should explain them the conversion of units of time. She should also discuss with them the reason behind the leap year. She should also talk with them about the acronyms AD and BC. Then, she should motivate them to calculate the time period between two dates. Thus, students will know how to find out their ages on a particular date. For text and exercise, the teacher should go to pages 170–173.

- After that, the teacher should teach them the four operations of time. For text and exercise, the teacher should go to pages 173–175.
- Finally, the teacher should motivate them to complete the activity given under Fun Zone.

EXPECTED LEARNING OUTCOMES

Students are able to

- understand the time with a.m./p.m.
- express the time in two different ways, viz., on 12-hour clock as well as 24-hour clock.
- convert the time from one unit to other.
- explain a leap year, the meaning of AD and BC.
- calculate the time period between two dates.
- do the basic operations for the time.

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| <ul style="list-style-type: none">● At the end of the semester, the teacher may use the materials of Periodic Test–2 to assess the students or may prepare a similar sheet herself. |
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