

## LESSON PLAN

### SPECIFIC OBJECTIVES

The students will

- be able to read time on the clock to the nearest minute.
- understand the conversion of units like hours, minutes, seconds.
- know the time using a.m. and p.m.
- learn about 24-hour clock time.
- learn how to calculate period of time.
- know the longer duration of time in detail.
- learn to find out the number of days between the two given dates.
- be able to understand the railway time table.

### CONTENTS EXPLAINED INSIDE THE CHAPTER

- Reading Time (pages 63–64)
- Conversion of Time (pages 64–66)
- Use of A.M. and P.M. (page 66)
- 24-Hour Clock Time (pages 66–68)
- Duration of Time (page 68)
- Operation of Time (pages 69–70)
- Other Measures of Time (pages 70–71)
- Numbers of Days Between Two Dates (pages 71–73)

### TEACHING AIDS

A clock, digital clock, a calendar, railway time table, paper and a pencil

### TEACHING STRATEGY

- First, the teacher should interact with the students to recall their understanding about clock. She should also discuss with them the change of duration of day and night seasonwise. Then she should ask them to do the 'Let Us Recall' exercise.
- Again, the teacher should explain to them how to read time in exact minutes. She should also

develop their idea of conversion of units like hours to minutes, minutes to seconds and vice versa. For text and exercise, she should go to pages 63–66.

- Next, the teacher should talk with them about a.m. and p.m. Correlate it with 24-hour clock in details. She should go to pages 66–68 for text and exercise.
- Further, the teacher should explain them the term 'duration' used between two events and then extend their idea to measure the duration of time. She should also discuss with them how to add/subtract the period of time. For text and exercise, she should go to pages 68–70.
- Thereafter, the teacher should talk with them about days, months, years, etc., and leap year also. Also, she should encourage them to find the number of days between two dates in a calendar era. She should go to pages 70–73 for text and exercise.
- The teacher should explain them about application of 24-hour clock timings by giving the example of railway time table. Then, she should motivate them to complete the task along with life skills.
- Students should complete their project work with joy and fun. The teacher should assist them in making toy clock.

### EXPECTED LEARNING OUTCOMES

Students are able to

- read the time on clock correctly.
- convert the time from one unit to another unit.
- use a.m. and p.m. to express the 12-hour clock time.
- read and understand 24-hour clock time.
- find out the duration of time.
- add/subtract the given time periods.
- know the number of days between two dates.
- recognise the leap year.
- understand the railway time table.