

Time

SPECIFIC OBJECTIVES

The students will

- understand the meaning of different periods of time like days, weeks, hours, minutes, etc.
- learn to read time in hours and minutes on the clock face.
- know time with a.m. and p.m.
- learn how to convert time from one unit to another.
- be able to guess time for an activity.
- learn how to write the dates and reading of the calendar.

CONTENTS EXPLAINED INSIDE THE CHAPTER

- A story with Topsy–Turvy Time (page 97)
- Reading Time (pages 98–99)
- Knowing Time with A.M. and P.M. (pages 100–101)
- Conversion of Time (pages 101–103)
- Guessing Time for an Activity (page 103)
- Writing Dates (pages 103–104)
- Reading Calendar (pages 105–106)

TEACHING AIDS

Current year calendar, packets and bottles of different food items, medicines, magnifying glass, clock, i.e., ordinary and digital

TEACHING STRATEGY

- In order to recall the period of time, the teacher should talk about the story given on page 97 and ask them to search incorrect words mentioned in the text. This will make the concept of duration of time clear to the students.
- Students have learnt to read the time in complete hour, half past, quarter past and quarter to the hour. So, the teacher should extend their knowledge by explaining how to read the time in 5 minutes or in exact minutes. For text and exercise, she should go to pages 98–99.

- Next, the teacher should explain how to express the time of a day using a.m. and p.m. Also, she should discuss why they need to express the time in a.m. and p.m. For this, she should go to pages 100–101 for text and exercise.
- Further, the teacher should teach them conversion of time from one unit to another unit. Here, she should follow only two conversion patterns:

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| For smaller units, | Days → Hours → Minutes |
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| For bigger units, | Years → Months → Weeks → Days |
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Then, she should move to the pages 101–103 for related text and exercise.

- Thereafter, the teacher should encourage the students to guess the duration of time for different activities. She may justify them by performing the same activity in a certain time.
- Then, she should explain them how to write the dates in different ways. Sometimes, this is also written in **Month/Date/Year** format. For text and exercise, she should go to pages 103–104.
- Next, the teacher should talk about the current year calendar regarding the day and date of different festivals. She may observe the calendar of 2018 on page 105. She may raise a few more questions using the current year calendar.
- After that, she should encourage them to involve in calendar magic with fun.
- She may also organise a competition of guessing time for different activities and give a few reward points to the winner/winning team.
- She should motivate them to complete the project work at home using manufacturing and expiry dates in the class. She may use a magnifying glass in case of very small prints.

EXPECTED LEARNING OUTCOMES

Students are able to

- understand the period of time very well.
- read the time on clock face in multiples of five minutes.
- express the time in a day using a.m. and p.m.
- convert the time from a bigger unit to the smaller unit.
- guess and justify the time taken in an activity.
- read, understand and write a particular date.
- read the calendar with respect to days and dates.
- think and explain the calendar magic.
- understand the importance of manufacturing and expiry dates in day-to-day life.

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| After completing Chapters 1–4, the teacher may evaluate the students using the materials given in Periodic Test-3 or preparing other similar sheet. |
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