

Topic - "Chapter-5 Telling Time" ()

Good Morning students,

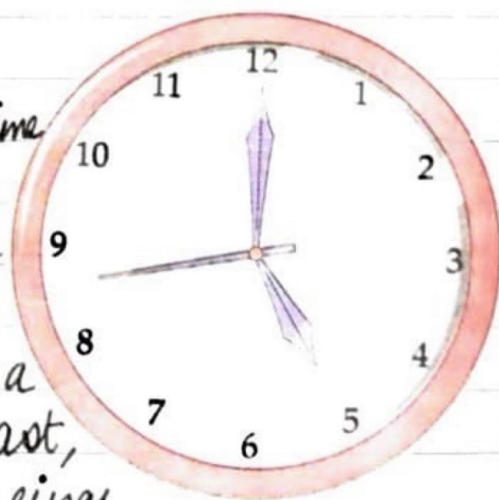
Today we are going to set our focus on the topic - "Telling Time" Chapter-5 starting on page number-30 of your text book titled - "Excursions-3".

All the students may kindly open page number-30 of your text books and be ready with your Social Studies notebooks for writing the questions which will be asked during the short breaks. So, Dear students kindly pay attention as I am going to explain the topic.

Time is defined as a period that can be measured. Clocks and watches tell us time at any moment, in a day, whereas calendars tell us time in the form of days, weeks, months and years. First of all let us discuss -

What is Time?

We all need time to do everyday tasks. Without time, people would find it difficult to be punctual. Time is always changing and does not have a beginning or end. It tells us about past, present and future events. Human beings use time to follow routines and live a steady life. A clock tells us the time of the day.



2. Knowing Time Using the Position of the Sun:-

In the past, people relied on sun to know the time of day. The sun always rises in the east so people know that when the sun came up, it is morning. At noon, the sun is right above our heads. In the evening, the sun begins to set. This happens when sun has moved to the west, which is opposite to the east. After that, everything becomes dark and night begins.

So, now students as we have read a small part of this Chapter, so we will recount the topic by means of a short test. I will read out the questions and you may pause the lesson for 3-minutes and try to write the answers in your social studies notebooks.

Ques-1. What is Time?

Ques-2. Differentiate between a clock and a calendar?

As the time limit of 3-minutes is over, let us discuss the answers now.

Ans-1. Time is defined as a period that can be measured.

Ans-2. Clocks tell us time at any moment in a day whereas calendars tell us time in the form of days, weeks, months and years.

Students, let us proceed further.

3. Shadows and time :- Time can also be observed by looking at our shadows.

In the morning and evening, we have longer shadows. At noon, when the sun is over our head, our shadows become short. After people learned that the sun does not stay at one place and it moves from east to west, they created simple sundials called shadow sticks and also



Hourglass

hourglass to know the time. The sundial uses the position of the sun to tell time. It is round with a tall pointer at the centre. At the edges, different numbers are showing the different times of the day. The hourglass is made of two glass cups joined together by a thin glass tube. The upper glass cup has sand that passes to the cup through a small tube. It can be designed to measure a minute to an hour.

Students let us revise what we have learnt till now. So write the answers of the following. Look at the pictures and tick (✓) the correct option.

①



Clock / Sundial

②



Sundial / Wall clock

③



Hourglass / Pendulum

That's all for today children. Thank You.