



Using Topic Tools for Differentiated Instruction: Time Tool

How to Find the Time Tool*

- 1 Login to EducationCity.com
- 2 Select a grade level
- 3 Select the Math Topic Tools button
- 4 Select 

Time Tool Flexible Features

-  Show or hide text
-  Play audio of current time
-  Show current time (adjusts to your time zone)

Differentiate Instruction for the Whole Class using these Features:

- Change the clock face for different students (i.e. Roman numerals available for more advanced students).
- Show that the clock can be advanced or set back using the  and  signs and by dragging the hands clockwise and counter-clockwise.
- Change available time increments  and show a digital clock alongside the analog clock.

How to Differentiate Instruction for the Whole Class:

If students cannot yet read an analog clock, display the digital clock and gradually move towards showing only the analog clock.

Ask individual students:

“Jimmy, please come up to the board and set this clock by moving the hands to show ___ o’clock.”

This involves tactile learning and more physical activity that can help create neural connections in the brain, thereby increasing Jimmy’s ability to remember clock time.

For more advanced students:

“Allison, please set the clock to ___ o’clock using the + or - buttons.”

Make sure you give her a time that can be reached by using the incremental increase you’ve selected – or leave it to her to determine the increment that will get her to the target time the best way.

Other questions to ask individual students or groups of students:

“What time is it now?” (basic)

“What time will it be 15 minutes in the future?” (moderate difficulty)

“What was the time 15 minutes ago?” (difficult/more advanced)

Word problems (moderate to difficult):

“In your head, calculate the time 20 minutes before the time showing on the clock right now.”

If the clock currently shows 1:20: **“Aidan said he would meet me at 1:00. How many minutes late is he?”** (Answer: 20 minutes)

“I am 5 minutes early to meet my friends. The time is now ___ (whatever time you set the clock to). When should my friends be here?”

(Answer: 5 minutes later than the time currently shown. Select “5 mins” from the increment menu, and then advance the clock once to show the time 5 minutes later.)

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*Availability of Topic Tools varies based on each state’s learning standards. In alignment with standards, some Topic Tools are not available at all grade levels.



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