

GRADE **2**

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KIDDOODLETV™



Math

Sid the Science Kid: Encyclopedia of Discovery “Reading a Clock”

Curriculum Connection:

Mathematics:

This lesson introduces students to reading time on an analog clock. Focus is on the minute hand and hour hand while providing opportunities for students to practice and strengthen their time-telling skills in a real-world context. Focus is on developing student understanding of time units and conversions.

Language Arts:

The lesson incorporates listening and comprehension skills as students watch *Sid the Kid's "Reading a Clock"* episode, and writing skills are exercised when students complete the recording time sheets.

Learning Goals:

Mathematics:

Students will **understand the concept of time measurement**, recognizing that there are 60 minutes in an hour and 24 hours in a day.

Students will be able to **identify and distinguish** between the hour hand and minute hand on an analog clock, accurately reading and telling time on the clock face. Students will comprehend the relationship between the hour hand and hour numbers on the clock and the minute hand and minute markings, demonstrating an understanding of time units and divisions.

Physical Education:

Students will engage in critical thinking and problem-solving during the "Musical Clocks" activity, where they apply their knowledge of time-telling and practice reading various times on different clocks.

Language Arts:

Students will enhance their communication skills by actively participating in class discussions and sharing their observations and experiences about reading time on an analog clock.

Students will develop time-related vocabulary, understanding and using terms such as "hour," "minute," "day," "clockwise," and "counter-clockwise."



Lesson:



Introduction:

Begin the lesson by reviewing with students the parts of an analog clock: clock face, hour hand, minute hand, hour numbers, and minute markings.

Viewing the Episode:

Introduce the Kidoodle.TV episode "Reading a Clock" from "Sid the Kid" series. While watching the episode, pause twice during Sid's Clock Game to review the positions of the hour and minute hands. Use the large visual classroom clock to demonstrate and reinforce the concepts.

Introduction to the Activity:

Explain the follow-up activity, "Musical Clocks," to the students. Tell them that they will be practicing reading the time on their own printable clocks while having fun moving around the classroom.

Discussion and Demonstration:

After watching the episode and pausing for the review, engage students in a discussion about the positions of the hour and minute hands at different times. Use the visual classroom clock to demonstrate how the hour hand points to the hour number while the minute hand indicates the minutes.

Musical Clocks Activity:

Distribute a printable clock template to each student and ask them to draw the hour and minute hands to represent a specific time (e.g., 3:30, 5:00, 10:15) on their clocks. Remind them to write their name on their clock.

Have students place their completed clocks on their desks, facing up.

Give each student a recording time sheet. Instruct the students to grab a pencil and stand behind their desks.

Start playing music and have the students dance around the classroom while the music is playing.

Stop the music abruptly at regular intervals (e.g., every 30 seconds).

When the music stops, each student should quickly move to the next desk and look at the clock on that desk. Students should record the time from the clock they see on the recording time sheet. Repeat several times until each student has had the chance to visit multiple desks and record different times.

Gather the students back together and discuss their experiences during the activity. Ask them to share any challenging times they encountered and how they overcame them.

Scan to watch the episode:



Materials:

S01 E02



Sid the Science Kid Reading a Clock



Access this episode free on:

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Lesson Supplies:

- Sid the Science Kid: Encyclopedia of Discovery S01E02 "Reading a Clock"
- Large visual classroom clock
- Printable clock templates (provided) – 1 per student
- Recording time sheets (provided) 1 per student
- Pencils



Extension:

Students can work in small groups to create their own "Time Puzzles" for their classmates to solve. Each group will design puzzle pieces with different times displayed on clock faces, and then they will mix up the pieces. The challenge for the other groups is to correctly match the hour and minute hands to complete the clock face and identify the time.

Assessment

During the "Musical Clocks" activity and classroom discussions, **observe the students' ability to identify and distinguish between the hour hand and minute hand** on their clocks, and assess their understanding of reading time accurately.

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