

Lesson Plan

Time - Time Telling Analog and Digital

First (1) - Math

LEARNING TARGET

- Students will be able to match analog time to digital time within whole and half hours.
- Students will be able to identify the hour and minute hand on an analog clock.

LEARNING PROGRESSION

PREREQUISITE SKILL

Time - Match Analog Clocks and Times

EXTENSION SKILL

Time - Analog and Digital Time Telling

DURATION

- 8 min Guided Practice
- 20 min Independent Practice
- 7 min Exit Ticket

MATERIALS

- Analog clocks (one per student or small group)
- Digital clock display
- Whiteboard and markers
- Clock worksheets
- Clock flashcards

VOCABULARY

- Analog clock
- Digital clock
- Hour hand
- Minute hand
- Whole hours
- Half hours
- A.M.
- P.M.

INTRODUCTION

1. Review previously learned concepts about time telling including understanding the difference between the hour and minute hand on an analog clock and reading digital time with understanding.
2. Introduce the concept of matching analog time to digital time.
3. Show an example of an analog clock and its corresponding digital time.

INSTRUCTION

1. Demonstrate how to read the time on an analog clock, focusing on the hour and minute hand.
2. Explain the differences between whole hours and half hours.
3. Display a digital time and ask students to identify the corresponding analog time on the clock.
4. Model how to match the analog time to digital time, focusing on the hour and minute hand positions.
5. Ask students to identify the hour and minute hand positions on an analog clock.

GUIDED PRACTICE

1. Divide students into small groups and give each group an analog clock and a digital clock display.
2. Provide each group with clock flashcards that have analog and digital times on them.
3. Have students work together to match the analog clock to the digital clock display using the flashcards.
4. Circulate and provide support as needed.

INDEPENDENT PRACTICE

1. Distribute clock worksheets to each student.
2. Instruct students to match the analog clock to the digital time on the worksheet.
3. Circulate and provide support as needed.

HOMEWORK

1. Assign clock worksheets as homework.
2. Encourage students to practice telling time using analog and digital clocks.

EXIT TICKET

1. Ask students to identify the hour and minute hand positions on an analog clock.
2. Have students write the digital time that corresponds with a provided analog clock.

SUMMATIVE

1. Exit Card Formative Assessment
2. Progress Monitoring Formative Assessment
3. Summative Assessment 10 question worksheet 8/10 for mastery

CLOSING

1. Review the objectives of the lesson.
2. Ask students to reflect on what they learned and what they still need to work on.

TEACHING TIPS

To help students better understand the concepts of analog and digital time, incorporate visual aids, such as a digital clock display, analog clock manipulatives, and clock worksheets. Provide opportunities for hands-on learning experiences, such as small group activities and independent practice with clock worksheets.

MISCONCEPTIONS

Common misconceptions related to time telling include mistaking the hour hand for the minute hand, and vice versa, or not understanding the difference between whole and half hours. Some students may also struggle with understanding the difference between a.m. and p.m. To address these misconceptions, provide students with frequent opportunities to practice telling time on both analog and digital clocks and emphasize the differences between the hour and minute hands on an analog clock.

EXTENSION

For advanced learners, introduce the concept of telling time to the nearest minute or five minutes, and provide additional practice activities to reinforce these skills. To incorporate real-world connections, ask students to apply their time-telling skills by creating a daily schedule or planning activities based on specific times.

INTERVENTION

For students who are struggling with time-telling concepts, provide additional one-on-one support during independent practice activities or small group activities. Use manipulatives, such as an analog clock, to provide visual cues and help reinforce the concepts being taught. Provide frequent opportunities for review and practice, and consider modifying assignments or activities as needed to ensure student success.

COMMON CORE STANDARD

1.MD.B.3 - Tell and write time in hours and half-hours using analog and digital clocks.

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