

LESSON PLAN BY STEPHANIE MOSES

Lesson Topic:	Grade 2
Math: Telling time	Duration – 45 minutes
<p>This lesson aligns with the below mentioned Ontario Curriculum Expectation for Grade 2</p> <p>1. Section E 2.6 of Spatial Sense: Compare, estimate and determine measurements in various contexts</p> <p>Students are expected to use analog and digital clocks and timers to tell time in hours, minutes, and seconds.</p>	
<p>Objectives</p> <p>Students will be able to tell and write the time to the nearest quarter-hour in analogue and digital forms.</p>	
<p>Lesson Sequence (including activities)</p> <p>Opening/Anticipatory Set</p> <p>I will ask a round of questions like “what are the parts of a clock?”, “what is the difference between the two hands”, and “how many minutes are in between each number” at the beginning of the lesson to activate students’ prior knowledge.</p> <p>Mini-lesson</p> <p>Then students will be divided into groups of four to make their own clocks; they will be given necessary instructions and all material needed for the activity including paper-plates, number stickers, card stock and paper brads. The hands-on experience created by making paper-plate clocks and demonstrating time by manipulating it will help all students gain deeper understanding of the concept, especially those with learning disabilities and special needs.</p> <p>Work Period</p> <p>Once the activity is completed, the I will announce that they are going to focus on telling time to the quarter-hour. Students will be asked how a clock could be divided into quarters and each group will use masking tape to mark the :00, :15, :30, and :45minute points. Then the teacher candidate will define ‘quarter past’ as 15 minutes past the hour, ‘quarter to’ as 15 minutes until the hour, and demonstrate both instances in analogue and digital forms.</p> <p>I will give example times of daily classroom routines (like recess and lunch break) and instruct students to demonstrate the time in their clocks; volunteers will come forward and write the time in digital form on the board. This will help students make connections with the topic and enhance comprehension in telling time to the nearest quarter-hour in analogue and digital forms.</p>	

Closing

I will engage students in a 'telling-time competition' using a fun online tool called 'Clock Wise'. Students will remain in their groups for this activity; each group will be given an iPad to participate. Each round will be timed (there will be a timer projected on the overhead screen) and the group that solves the greatest number of problems in the given time will be the winner of the round. All problems on the online game will be related to the lesson. The teacher candidate will continue the activity for a few rounds to help students gain sufficient practice in telling and writing time to the quarter-hour.

Modifications/Accommodations

For students with fine motor skills

- I will give pre-cut material to students with fine-motor challenges which will assist them in making paper plate clocks

For students with autism

- I will ensure the noise level is under control during group activities.

Assessment/Graphic Organizer/Rubric

1. Exit Ticket

A google form with four questions (A mix questions on telling time using analog and digital clocks)

2. Anecdotal notes

I will make anecdotal notes on students' participation and performance during group activities