

Grade 2

Unit 4.3	Unit Title Measuring and Recording Time (to the nearest 5 minutes)	Lesson 1	Day 1 - 10
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Lesson Focus

1. Standards Addressed	2. Content to be Learned	3. Mathematical Practices	4. Essential Question
2.MD.7 Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.	<ul style="list-style-type: none"> •Tell time from an analog and digital clock to the nearest 5 minutes. •Understand the meaning of a.m. and p.m. •Write the time to the nearest 5 minutes reading an analog and digital clock using the label a.m. and p.m. 	SMP6 Attend to precision. SMP7 Look for and make use of structure.	<ul style="list-style-type: none"> •How can you tell and write time to the hour and half hour? •How do you tell and write time to the nearest 5 minutes? •How do you use a.m. and p.m. to describe time? •What time is it? (given a clock sample) •What does quarter past mean? Quarter of? Half-past?
5. Prerequisite Knowledge	6. Essential Vocabulary	7. Possible Misconceptions	8. Necessary Materials
Tell and write time to the nearest half hour from analog and digital clocks. Skip count by 5.	Hour Half-hour (half-past) Quarter-past, Quarter-of a.m. p.m.	<ul style="list-style-type: none"> •Misuse of the hour and minute hand. •Not clear what the time is when the hour hand is halfway between the two numbers. 	OnCore Lesson 81 – 84 Student pages 161 – 168 Investigations Snap-In Unit 6 C59, Unit 8 C83 www.mathworksheetland.com <i>Time 2 Tell Time 1</i> <i>Time 2 Tell Time 8</i> <i>Time: 5-minute intervals</i> <i>Telling Time (write am or pm)</i> <i>My Schedule (include am/pm)</i> <i>Trip to the Amusement Park</i> Investigations Snap-in <i>Unit 9 C128 (Problem Solving)</i>

Instruction

9. Instruction Practices (What are the teachers doing)	10. Learning Practices (What are the students doing)
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Teachers will guide students to tell time from an analog and digital clock to the nearest 5 minutes. They will help students understand the meaning of am and pm by talking about the different activities that happen during the day and using activities like *My Schedule*. Teachers will encourage students to then write the time using the labels am and pm. Teachers will also be aware of the misconceptions that students will sometimes have (see above) so then can move them beyond these errors. They will teach this concept using OnCore lesson 81 – 84, Investigations Snap-ins, and as time allows they may choose to use one or more of the math-worksheet-land worksheets. *Trip to the Amusement Park* and the *Investigations Snap-in Unit 9 C128* may be used for students that understand elapsed time; enrichment.

Students will tell time from an analog and digital clock to the nearest 5 minutes. They will understand the meaning of am and pm as they talk about the different activities that happen in the morning (am) or afternoon and nighttime (pm). Once students understand this, they will begin to label the times they write using am and pm. Students will understand that the small hand on an analog clock points to the hour and the large hand points to the minute (this can be very confusing) and that when the hour hand is halfway between two numbers, like 7 and 8, it is usually read “half past 7” or “ written 7:30. This means the time is moving toward 8:00. Students will practice this standard using OnCore and Investigations Snap-in student pages and worksheets from math-worksheet-land that the teacher chooses to use.