

Grade 2	Math	Week 28
Lesson Title: Time and Temperature		
Weekly Learning Targets: Students can use a clock and a thermometer to tell time and temperature.		
<p>Common Core Learning Standards:</p> <p>2.MD.7 - Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.</p> <p>2.MD.9 - Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in whole-number units.</p> <p>2.MD.10 - Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.</p>		
<p style="text-align: center;">MONDAY</p> <p>Daily Learning Target: Students can identify the hands of a clock and tell time to the hour and half hour.</p> <p>Learning Tasks: To begin class, the teacher can review the past unit of measuring capacity and weight. The teacher can then preview the next few lessons: time. The teacher can ask the students what they already know about time and create a time anchor chart. Then, they can watch this video about time (SM A) and compare it to their anchor chart. The teacher can then show students a learning clock (SM B) and ask students to shout out different times to the hour and half hour. The teacher can then show the time on the clock. After some practice, the students can perform this activity in partners. They can record the times that they display on a worksheet. (SM C)</p> <p>Daily Formative Assessment: The teacher can check the students' worksheet. (SM C)</p> <p style="text-align: center;">TUESDAY</p> <p>Daily Learning Target: Students can tell time using five-minute intervals.</p> <p>Learning Tasks: To begin the class, the teacher can ask students to share their worksheets (SM C) from yesterday. After sharing and discussing, the teacher can tell the students that after today they can tell time to five minutes. The class can watch this song about different strategies to tell time. (SM D) The class can then go over what they learned from the video about telling time and what they are still curious about. The teacher can lead the students in guided practice on page 452. Then, the students can work in small groups to complete pages 451, 453, and 454. On page 451, the students can do the same activity from yesterday where one student says a time to 5 minutes and the other one makes it on the clock. They both can record the time in analog and digital form.</p> <p>Daily Formative Assessment: The teacher can give feedback on pages 451, 453, and 454.</p> <p style="text-align: center;">WEDNESDAY</p> <p>Daily Learning Target: Students can tell time before and after the hour and use AM or PM.</p> <p>Learning Tasks: To begin the class, the teacher can ask the students what they learned yesterday and ask students to share the times they recorded on 451. Next, the teacher can explain AM and PM to the students. The teacher can use this information (SM E) or this video (SM F). After watching and discussing, the class can do page 456 together. (NOTE: Using after, before, half past or quarter past is not necessary but can be taught if the teacher chooses.) Then, the students can complete pages 457 and 458 individually.</p> <p>Daily Formative Assessment: The teacher can give feedback on pages 457 and 458.</p> <p style="text-align: center;">THURSDAY</p> <p>Daily Learning Target: Students can identify different lengths of time, like a second, a minute, and an hour.</p> <p>Learning Tasks: To begin the class, the teacher can ask the students what they learned yesterday and ask students to come up with a list of activities that they only do in the AM and a list of activities that they only do in the PM. Next, the teacher can introduce students to stopwatches, a tool to measure time. The students can do</p>		

different activities to learn how to use a stopwatch. (SM G) After, the teacher can guide the students on page 460 in their worktexts Following that, the students can complete page 461 and 462. Students should make sure to discuss their reasons for choosing the allotted amount of time for the given activity. Finally, on page 459, students can write or draw activities that take as long as the given time.

Daily Formative Assessment: The teacher can give feedback on pages 459, 461, and 462.

FRIDAY

Daily Learning Target: Students can complete and gather information from a calculator.

Learning Tasks: To begin the class, the teacher can ask the students what they learned yesterday and ask students what activities they wrote about on page 459. Next, the teacher can show the students a variety of calendars and students can watch a video about calendars. (SM H) After watching and discussing the video, the teacher can lead the students in guided practice on page 464. The students can complete page 465 and 466 in partners or individually. Then, on page 463, the students can complete the calendar for the given month.

Daily Formative Assessment: The teacher can check the students’ work on page 465 and 466.

Grade 2 – Math – Week 28	MATERIALS / RESOURCES
	<p>pencil, anchor chart paper, learning clocks, stop watch, examples of calendars</p> <p>A – Time to the Quarter and Half Hour - https://jr.brainpop.com/math/time/timetothequarterandhalfhour/</p> <p>B – Teaching Clock - https://www.amazon.com/Learning-Resources-Time-Clock-Hour/dp/B00004WKT8/</p> <p>C – Blank Time Clock Worksheet - http://www.brobstsystems.com/kids/blankclock.htm</p> <p>D – Telling Time to 5 Minutes Song - https://www.youtube.com/watch?v=M1iOIJ0iIFs</p> <p>E – AM and PM Information - https://www.mathsisfun.com/time.html</p> <p>F – AM and PM Song - https://multimedia-english.com/videos/course/dr-tick-tock-am-pm-775</p> <p>G – Examples of Activities to Learn to Use a Stopwatch - http://www.primaryresources.co.uk/maths/docs/stopwatch_investigation.doc</p> <p>H – Calendar Video - https://jr.brainpop.com/math/time/calendaranddates/</p> <p>Additional Resources</p> <p>Ways to Teach Time - https://www.weareteachers.com/5-hands-on-ways-to-teach-telling-time/</p> <p>Second Grade Time Worksheets - https://www.education.com/worksheets/second-grade/time/</p>