



Bridging for Math Strength Resources

[Standards of Learning \(SOL\) Curriculum Framework](#)

Standard of Learning (SOL) 1.9b Read and interpret a calendar.



Student Strengths	Bridging Concepts	Standard of Learning
<p>Students can investigate the passage of time by reading and interpreting a calendar.</p> <ul style="list-style-type: none"> -Name the twelve months of the year. -Name the seven days in a week. -Determine the day before and after a given day (e.g., yesterday, today, tomorrow). 	<p>Students can name the date of a specific day in time.</p> <p>Students can identify a specific date in time on a calendar.</p>	<p>Students can read and interpret a calendar.</p> <ul style="list-style-type: none"> -Read a calendar to locate a given day or date (e.g., What day of the week is the 10th? What date is Saturday?). -Determine the day/date before and after a given day/date (e.g., Today is the 30th, so yesterday must have been the __?). -Given a calendar, determine the number of any day of the week (e.g., How many Fridays are in the month of October?)

Understanding the Learning Trajectory

Big Ideas:

- Calendars are instruments used to represent units of time.
- Calendars help students understand the concept of a day as a 24-hour period rather than the hours between sunrise and sunset.
- Reading a calendar is a practical application of counting principles as applied to real world scenarios and the ability to communicate the passage of time or future events to others.

Formative Assessment:

- VDOE Just in time [Quick Check SOL 1.9b PDF](#) / [Desmos](#)

Important Assessment Look Fors:

- Students can accurately identify the day of the week.
- Students can distinguish between the day of the week and the date of a day.
- Students understand that they are to count the boxes holding a number that represents a date when counting the number of Mondays rather than simply counting five boxes underneath the Monday heading.

Purposeful Questions:

- What is the difference between the day of the week and the date of a day?
- What information is important when naming the date of a day?
- Why do you think there are more Thursdays than Mondays on this calendar?

Bridging Activity to Support Standard	Instructional Tips
Routine Practical Calendar Time	Many other skills can be incorporated during calendar time. However, for this unit of study, intentionally focus on the skills for 1.9b.
Rich Tasks Calendar Sorting	This can be done whole group or in small groups to engage more students and allow for deeper conversation.
Games Activities on a Calendar	These are calendar word problems that are read aloud for students to “schedule” onto a calendar.
<p>Supporting Resources:</p> <ul style="list-style-type: none"> • VDOE Mathematics Instructional Plans (MIPS) <ul style="list-style-type: none"> ◦ 1.9b – Calendar Connections (Word) / PDF Version • VDOE Word Wall Cards: Grade 1 (Word) (PDF) <p>Learning Trajectory Resources:</p> <p>Charles, R. (2005). Big ideas and understandings as the foundation for elementary and middle school mathematics. <i>Journal of Mathematics Education Leadership</i>, 7(3), NCSM.</p> <p>Clements, D. H., & Sarama, J. (2019). Learning and teaching with learning trajectories [LT]2. Marsico Institute, Morgridge College of Education, University of Denver. https://www.learningtrajectories.org/</p> <p>Common Core Standards Writing Team. (2019). Progressions for the Common Core State Standards for Mathematics. Tucson, AZ: Institute for Mathematics and Education, University of Arizona.</p> <p>Richardson, K. (2012). How Children Learn Number Concepts: A Guide to Critical Learning Phases. Bellingham: Math Perspectives Teacher Development Center.</p> <p>Van De Walle, J., Karp, K. S., & Bay-Williams, J. M. (2018). <i>Elementary and Middle School Mathematics: Teaching Developmentally</i>. (10th edition) New York: Pearson (2019:9780134802084)</p> <p>VDOE Curriculum Framework for All Grades - Standard of Learning Curriculum Framework (SOL)</p>	