



Bridging for Math Strength Resources

Standards of Learning Curriculum Framework

Standard of Learning (SOL) K.8 Investigate the passage of time by reading and interpreting a calendar.



Student Strengths	Bridging Concepts	Standard of Learning
Student can count to 31 by 1s. Student recognizes patterns around them and that events happen in a logical sequence.	A calendar is used to organize time. 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).	Students can investigate the passage of time by reading and interpreting a calendar.

Understanding the Learning Trajectory

Big Ideas:

- A calendar organizes time into days, weeks, months, and years.
- Time never stops.
- Calendars have patterns that follow rules.

Formative Assessment:

- VDOE Just in time Quick Check SOL K.8 [PDF](#) / [Google slides](#)

Important Assessment Look Fors:

- Student is appropriately differentiating between days and months.
- Student is appropriately differentiating between yesterday, today, and tomorrow.

Purposeful Questions:

- Is “yesterday” about the past, present, or the future?
- What day of the week is after Saturday?
- Can you always tell what tomorrow will be if you know what day it is today? How?

Bridging Activity to Support Standard	Instructional Tips
Routine Calendar Math Suggested Calendar lessons throughout the school year	It is crucial at this young age to have a calendar routine built into your day. Whether it's at the beginning of the day, or the beginning of your math block, Kindergarten students need to practice reciting and manipulating the calendar. Once children learn the days of the week and months of the year in order, they can begin to move forwards and backwards (eg: yesterday, next month). Kindergarteners will also begin to learn the passage of time through their calendar routine. Talk about what you did over the weekend (Saturday and Sunday). Talk about how we always have PE on Tuesdays and Thursdays. Talk about months that have passed (back in October when we went on our field trip).
Rich Tasks Editable Calendar	Have your students create a week in your classroom with this calendar. They can use the first slide to edit to match their week. You can assign this through Google Classroom if you're interested in students making their own copies. Slides 2-4 allow you to ask questions based on the events on the calendar. "If today is Tuesday, what event do we have tomorrow?"
Games/Tech Desmos K.8 Reading and Interpreting a Calendar	Students will order days of the week and months of the year. They will also answer questions about the calendar.
Other Resources: • VDOE Mathematics Instructional Plans (MIPS) ◦ K.8 - Calendar Math (Word) / PDF Version • VDOE Word Wall Cards: Grade K (Word) (PDF) Learning Trajectory Resources: 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. 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/ 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. Richardson, K. (2012). How Children Learn Number Concepts: A Guide to Critical Learning Phases. Bellingham: Math Perspectives Teacher Development Center. 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) VDOE Curriculum Framework for All Grades - Standard of Learning Curriculum Framework (SOL)	