

Grade 1 Mathematics Prince William County Pacing Guide 2020-2021

Teacher Focus Groups have assigned a given number of days to each unit based on their experiences and knowledge of the curriculum. It is critical that teachers stay as close as possible to the pacing guidelines to ensure that all of the Standards of Learning have been taught by the end of the school year, and that, as children move within the Division, their mathematics instruction remains coherent. Ongoing review should occur throughout the year.

The Grade 1 Mathematics Learning Recovery Plan has been incorporated into this pacing guide, as indicated by the blue highlighting.

Prince William County Regulation 602-1 describes the organization of the instructional day. **Mathematics is allotted 90 minutes in Grade 1.** This should include an uninterrupted 75-minute block of time for the lesson and an additional 15-minute block to be used for classroom routines, number talks, and/or other selected review activities. These types of activities are a critical element of mathematics instruction that provide essential practice and maintenance of key concepts and skills.

Teachers may find the full wording of the objectives, along with the essential knowledge and skills to be learned, in the Unit Guides. The Unit Guides created by the Teacher Focus Groups provide suggestions for learning experiences, assessments, and resources. These documents are available on the Mathematics Staff Communities site for each grade level.

Classroom Routines should be an integral part of the development of mathematics understanding. Each day should include a brief (10-15 minutes), deliberate, and carefully planned time for review of key concepts and skills. It is not expected that all skills are addressed every day; each teacher should determine which skills and at what level may be appropriate on a given day. Examples may include Number Talks, 3-Act Math, *Which One Doesn't Belong?*, *Splat!*, *Greg Tang Math*, and *Esti-mysteries*. These types of activities are a critical element of mathematics instruction that provide essential practice and maintenance of key concepts and skills.

A sample schedule for Classroom Routines:

- Measurement Monday – money, time, calendar, weight, length, temperature, data
- Time to Count Tuesday – counting routines, counting collections, estimation activities
- Word Problem Wednesday
- Thinking Back Thursday – fractions (halves), shapes, data, patterns
- Fluency Friday - number talks, quick images, number strings

Assessment Opportunities are provided throughout each unit. Each unit includes **Progress Checks** for select Focus Standards. The progress checks are intended to be used to determine student growth and guide ongoing instruction, not as a summative grade. **End of Unit Assessments** are provided for all units. Using **Assessment Regulation 661-1** as a guide, **assessment scoring guides** indicate achievement as follows:

- S: meets grade level requirements using the rubric provided.
- S+: exceeds grade level requirements on mastery test items using the rubric provided.

Students who do not demonstrate mastery should receive ongoing instruction and reassessment until mastery is met with at least a score of S (meets grade level requirements). Reassessments can include: exit tickets, observations, student interview, and teacher-created assessments using the mastery assessment as a guide.

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Tom Milne



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