

2022/2023 WCSD 2nd Grade Curriculum Pacing Framework (Balanced)

Quarters 1 & 2

“Developing an understanding of + & - to 100”

Topic 1 <i>Fluently Add and Subtract Within 20</i> Number of lessons: 10 over 12 days F/D/E: 5 days NVACS Focus: OA.B Total Days: ~17	Topic 2 <i>Work with Equal Groups</i> Number of lessons: 5 F/D/E: 3 days NVACS Focus: OA.C Total Days: ~8	Topic 3 <i>Add Within 100 Using Strategies</i> Number of lessons: 9 over 11 days F/D/E: 3 days NVACS Focus: NBT.B Total Days: ~14
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Quarter 1: 44 Instructional days (F/D/E: 11 days)

“Applying understandings of + & - to 100”

Topic 4 <i>Fluently Add Within 100</i> Number of lessons: 8 F/D/E: 3 days NVACS Focus: NBT.B Total Days: ~11 Q1: 5 Days & Q2: 6 Days	Topic 5 <i>Subtract Within 100 Using Strategies</i> Number of lessons: 10 over 15 days *After 5-9 add lesson 6-1 F/D/E: 4 days NVACS Focus: NBT.B Total Days: ~19	Topic 7 <i>More Solving Problems Involving Addition and Subtraction</i> Number of lessons: 10 over 10 days *Start with lesson 6-6, 6-7, 6-8, 6-9 F/D/E: 4 days NVACS Focus: OA.A Total Days: ~14
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Quarter 2: *39 Instructional days (F/D/E: 11 days)

Quarters 3 & 4

“Applying understandings of + & - to 1,000”

Topic 8 <i>Work With Time and Money</i> Number of lessons: 8 F/D/E: 5 days NVACS Focus: MD.C Total Days: ~13	Topic 9 <i>Numbers to 1,000</i> Number of lessons: 10 F/D/E: 2 days NVACS Focus: NBT.A Total Days: ~12	Topic 10 <i>Add Within 1,000 Using Models and Strategies</i> Number of lessons: 7 F/D/E: 3 days NVACS Focus: NBT.B Total Days: ~10	Topic 11 <i>Subtract Within 1,000 Using Models and Strategies</i> Number of lessons: 7 over 10 days F/D/E: 3 days NVACS Focus: NBT.B Total Days: ~13
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Quarter 3: 48 Instructional days (F/D/E: 13 days)

“Foundations for Fractions: Geometry & Measurement”

Topic 12 <i>Measuring Length</i> Number of lessons: 9 F/D/E: 5 days NVACS Focus: MD.A Total Days: ~14	Topic 14 <i>Graphs and Data</i> Number of lessons: 6 F/D/E: 4 days NVACS Focus: MD.D Total Days: ~10	Topic 15 <i>Shapes and Their Attributes</i> Number of lessons: 8 F/D/E: 4 days NVACS Focus: G.A Total Days: ~12	Topic 13 <i>More Addition, Subtraction, and Length</i> Number of lessons: 5 F/D/E: 3 days NVACS Focus: MD.B Total Days: ~8	Application of Grade Level Standards F/D/E: 5 days Total Days: ~5
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Quarter 4: 49 Instructional days (F/D/E: 21 days)

WCSD 2nd Grade Curriculum Pacing Framework (Balanced)



Purpose of document:

The pacing frameworks are an analysis of lessons in the WCSD Curriculum Documents which includes alignment to **enVisionmath2.0**. Adequate time to provide meaningful learner responsive instruction must be provided for students to develop deep understanding of the content. Curriculum guides and pacing frameworks ensure instructional opportunities for on grade level instructional as guided by the NVACS.

Guide to use:

The NVACS require mathematical ideas to be connected by conceptual understanding, procedural understanding/fluency and application. This supports the need to look at how mathematical ideas relate and develop within the standards, instead of teaching a skill by skill approach. Teachers and collaborative teams use this document to clarify the district-wide mathematical trajectory.

- A **minimum of 75 minutes (375 minutes per week)** of Tier 1 instruction of mathematics per day, with at least 60 minutes blocked to enable deep levels of problem solving without interruptions. The remaining time may be used to continue the lesson, incorporate learner responsive small group instruction around the mathematical ideas of the lesson and/or number talks.
- A **lesson does not necessarily mean a day**; some concepts may be explored in more time and some in less time. This document provides a minimum of 1 full day for lessons outlined in topics within **enVisionmath2.0** to ensure enough instructional time is accounted for throughout the year. The curriculum guides offer additional support.
- **(F/D/E) Additional Instructional Days or Formative Process, Differentiation and Enrichment:** These days are included to support conceptual development of the ideas within the topic. Teachers use formative processes throughout the topic to guide instruction, differentiate, and enrich. These days encompass the assessment (Topic/Performance). F/D/E days may be used at anytime throughout the topic or used anytime throughout the quarter.
- This framework is a **general guide** of the mathematical trajectory and how that trajectory may be mapped out across a school year. This pacing framework was requested by teachers as they work with the NVACS and instructional materials. This is to **assist** with pacing/mapping. It does not suggest that all teacher's will be exactly in the same place at the same time; although it does provide guidance to enable within and across school dialogue and support. **Ultimately, evidence gathered during the formative assessment process will inform instructional next steps.** This is the framework that C&I will use to help support teachers in each grade level.
- The focus of instruction should be providing **ALL** students mathematically accurate opportunities at the depth of knowledge indicated in the NVACS for on grade level standards.

Justifications & Considerations

- Teachers may want to consider including **Number Talks/Strings** into their instructional day to support development of number sense and mental math fluency. However, this should be limited and not replace entire lessons during their mathematics instructional block.
- Topic 1: The first three lessons are paced over five days to allow time to establish routines and expectations such as tool management, class discussion, etc.. It is important to begin instruction on day 1.
- Topic 6 (Fluently Subtract Within 100) lessons have been omitted or distributed to other Topics (Topic 5 and Topic 7) in order to support student development.
- Topic 14 (Graphs and Data) was moved earlier in the 4th quarter to give more time to the content.
- Topic 15 (Shapes and Their Attributes) was moved to earlier in the 4th quarter due to the importance of the standards addressed in this topic in preparing students for 3rd grade content. Although labeled as an Additional Cluster, the content of Topic 15 is necessary to build foundations for 3rd grade fraction concepts.
- The Application of Grade Level Standards are included in the Pacing Framework as on-going cumulative review and distributed practice and may be taught as time allows.

- * **Non-instructional days** are not accounted for in this pacing framework. Teachers may need to use an F/D/E day for election day and will need to adjust instruction accordingly when non-instructional days will not be made-up with the contingency days at the end of the year.