

The 2021-2022 weekly learning progressions intentionally embed “pre-requisite skills/standards” that focus on building block standards and skills that will need to be intentionally planned for to address potential gaps of the previous school year.

**HCS LEARNING & PERFORMANCE** | Instruction & Learning

# MATHEMATICS

## 5<sup>th</sup> Grade Weekly Progression

<i>Quarter 1</i>	<i>Quarter 2</i>	<i>Quarter 3</i>	<i>Quarter 4</i>
August 4, 2021 - October 8, 2021	October 11, 2021 - December 22, 2021	January 10, 2022 - March 18, 2022	March 21, 2022 - May 27, 2022

Unit 0 - 4th Grade Essential Learning	
WEEK	STANDARD
1 – Aug 4-6, 2021	MGSE4.OA.3 (Multi-step word problems)
2 – Aug 9-13, 2021	MGSE4.OA.3 (Multi-step word problems)

Quarter 1	
Unit 1 - Order of Operations and Whole Numbers	
WEEK	STANDARD
3 – Aug 16-20, 2021	MGSE5.OA.1 (Use parentheses and evaluate expressions)
4 – Aug 23-27, 2021	MGSE5.OA.1 (Use parentheses and evaluate expressions) MGSE5.OA.2 (Write simple expressions)
5 – Aug 30-31; Sept 1 – 3, 2021	MGSE5.NBT.1 (Place value) MGSE5.NBT.2 (Powers of 10)
6 – Sept 7-10, 2021	MGSE5.NBT.5 (Fluently multiply multi-digit numbers)

- Keep in mind standards taught previously can still be revisited and connected to current topics of instruction. Additionally, it is encouraged that teachers integrate standards as much as possible to complete pacing rather than teach standards in isolation. If students are ready, they can move ahead of the progression.
- The Standards for Mathematical Practice are interwoven and should be addressed throughout the year in as many different units and tasks as possible.

7 – Sept 13 - 17, 2021	MGSE5.NBT.6 (Whole number quotients)
Sept 20-24, 2021	FALL BREAK

Unit 2 - Decimals	
WEEK	STANDARD
8 – Sept 27-30; Oct 1, 2021	MGSE5.NBT.1 (Place Value) MGSE5.NBT.3a (Read and write decimals)
9 – Oct 4-8, 2021	<b>MGSE4.NF.7 (Comparing Decimals)</b> MGSE5.NBT.3b (Compare decimals) MGSE5.NBT.4 (Round decimals)
Quarter 2	
10 – Oct 11-15, 2021	MGSE5.NBT.7 (Add Decimals and subtract decimals)

Unit 3 - Multiplying and Dividing Decimals	
Week	Standard
11 – Oct 18-22, 2021	MGSE5.NBT.2 (Powers of 10)
12 – Oct 25-29, 2021	MGSE5.NBT.7 (Multiply Decimals)
13 – Nov 1-5, 2021	MGSE5.NBT.7 (Divide Decimals)
14 – Nov 8-12, 2021	MGSE5.NBT.7 (Multiply and Divide Decimals)

Unit 4 - Adding, Subtracting, Multiplying, and Dividing Fractions	
WEEK	STANDARD
15 – Nov 15-19, 2021	<b>MGSE4.NF.3a-d (Fraction is a sum of unit fractions)</b> <b>MGSE4.NF.4a-c (Multiply a fraction by a whole number)</b>

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	MGSE5.NF.3 (Interpret fraction as division)
Nov 22-26, 2021	THANKSGIVING BREAK
16 – Nov 29-30; Dec 1-3, 2021	MGSE5.NF.1 (Add Fractions) MGSE5.NF.2 (Word problems fractions)
17 – Dec 6-10, 2020	MGSE5.NF.1 (Subtract Fractions) MGSE5.NF.2 (Word problems subtract fractions)
18 – Dec 13-17, 2021	MGSE5.NF.4a (Multiply fractions) MGSE5.NF.4b (Find area with fractional side lengths)
19 – Dec 20 – 21, 2021	MGSE5.NF.5a (Compare the size of products based on the size of factors) MGSE5.NF.5b (Explain the size of products based on the size of factors)
Dec 22, 2021-Jan 5, 2022	SEMESTER BREAK
<b>Quarter 3</b>	
20 – Jan 10-14, 2022	MGSE5.NF.6 (Real-world problems of fractions and mixed numbers)
21 – Jan 18-21, 2022	MGSE5.NF.7a (Division of unit fractions by whole numbers) MGSE5.NF.7b (Division of whole numbers by unit fractions) MGSE5.NF.7c (Word problems, division of fractions and whole numbers)
22 – Jan 24-28, 2022	MGSE5.MD.2 (Line plots)

<b>Unit 5 - 2D Figures</b>	
<b>WEEK</b>	<b>STANDARD</b>
23 – Jan 31; Feb 1 - 4, 2022	<b><i>MGSE4.MD.7 (Angle measure as additive)</i></b> MGSE5.G.3 (Understanding attributes)
24 – Feb 7 - 10, 2022	MGSE5.G.4 (Classify two-dimensional figures)

<b>Unit 6 - Volume and Measurement</b>	
<b>WEEK</b>	<b>STANDARD</b>
25 – Feb 14-18, 2022	MGSE5.MD.1 (Measurement Conversions)

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Feb 21-25, 2022	WINTER BREAK
26 – Feb 28; Mar 1 - 4, 2022	MGSE5.MD.3a (Unit of measure-volume) MGSE5.MD.3b (Concept of volume measurement) MGSE5.MD.4 (Measure volumes by counting)
27 – Mar 7-11, 2022	MGSE5.MD.5a (Find volume) MGSE5.MD.5b (Formula for volume)
28 – Mar 14-17, 2022	MGSE5.MD.5c (Volume as additive)

<b>Quarter 4</b>	
<b>Unit 7 - Geometry and the Coordinate Plane</b>	
<b>WEEK</b>	<b>STANDARD</b>
29 – Mar 21-25, 2022	MGSE5.G.1 (Define a coordinate system)
30 – Mar 28-31; April 1, 2022	MGSE5.G.2 (Real-world math problems with a coordinate plane)
Apr 4-8, 2022	SPRING BREAK
31 - Apr 11-15, 2022	MGSE5.OA.3 (Generate patterns)

<b>Unit 8 - All</b>	
<b>WEEK</b>	<b>STANDARD</b>
32 - Apr 18-22, 2022	EOG Review ALL Standards
33 - Apr 25-29, 2022	EOG Assessments

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Report Card Reference				
	T1	T2	T3	T4
Operations and Concepts of Algebra	MGSE5.OA.1 MGSE5.OA.2			MGSE5.OA.3
Numbers and Operations	MGSE5.NBT.1 MGSE5.NBT.2 MGSE5.NBT.5 MGSE5.NBT.6 MGSE5.NBT.3a MGSE5.NBT.3b MGSE5.NBT.4	MGSE5.NBT.2 MGSE5.NBT.7 MGSE5.NF.3 MGSE5.NF.1 MGSE5.NF.2 MGSE5.NF.4a MGSE5.NF.4b MGSE5.NF.5a MGSE5.NF.5b	MGSE5.NF.6 MGSE5.NF.7a MGSE5.NF.7b MGSE5.NF.7c	
Measurement and Data			MGSE5.MD.1 MGSE5.MD.2 MGSE5.MD.3a MGSE5.MD.3b MGSE5.MD.4 MGSE5.MD.5a MGSE5.MD.5b MGSE5.MD.5c	
Geometry			MGSE5.G.3 MGSE5.G.4	MGSE5.G.1 MGSE5.G.2

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