

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

4th Grade Weekly Progression

Quarter 1	Quarter 2	Quarter 3	Quarter 4
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 - 3 rd Grade Essential Learning	
WEEK	STANDARD
1 – Aug 4-6, 2021	MGSE3.NBT.2 (Add and subtract within 1000)
2 – Aug 9-13, 2021	MGSE3.OA.8 (Solve 2 step word problems)

Quarter 1	
Unit 1 - Whole Numbers, Place Value, and Rounding	
WEEK	STANDARD
3 – Aug 16-20, 2021	MGSE4. NBT.2 (Read, write, and compare multi-digit whole numbers)
4 – Aug 23-27, 2021	MGSE4.NBT.1 (Powers of ten)
5 – Aug 30-31; Sept 1 – 3, 2021	MGSE4.NBT.4 (Add and subtract/algorithm)
6 – Sept 7-10, 2021	MGSE4.NBT.3 (Round whole numbers)
7 – Sept 13 - 17	MGSE4.OA.3 (Addition and subtraction multi-step word problems)
Sept 20-24, 2021	Fall Break

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- The Standards for Mathematical Practice are interwoven and should be addressed throughout the year in as many different units and tasks as possible.

8 – Sept 27-30; Oct 1, 2021	MGSE4.MD.2 (Word Problems-time, distance, volume, etc.)
9 – Oct 4-8, 2021	MGSE4.MD.3 (Perimeter w/rectangles)

Quarter 2

Unit 2 - Multiplication and Division of Whole Numbers

WEEK	STANDARD
10 – Oct 11-15, 2021	MGSE3.MD7a-b (Area of rectangles) MGSE4.OA.4 (Factor pairs)
11 – Oct 18-22, 2021	MGSE4. OA.1a-b (Interpret multiplication equations as comparisons and represent verbal multiplicative comparisons.)
12 – Oct 25-29, 2021	MGSE4.OA.2 (Multiplicative comparison word problems) MGSE4.NBT.5 (Multiply whole numbers-up to four digit by one digit and two digit by two digit, with strategies and models)
13 – Nov 1-5, 2021	MGSE4.OA.3 (Multiplication and division multi-step word problems)
14 – Nov 8-12, 2021	MGSE4. NBT.6 (Whole number quotients and remainders with up to four digit dividends and one digit divisors) MGSE4.OA.5 (Number shape patterns)
15 – Nov 15-19, 2021	MGSE4.MD.3 (Area w/rectangles) MGSE4.MD.8 (Rectilinear figures)
Nov 22-26, 2021	THANKSGIVING BREAK

Unit 3 - Fraction Equivalents

WEEK	STANDARD
16 – Nov 29-30; Dec 1-3, 2021	MGSE3.NF.3a-d (Equivalence and comparison of fractions) MGSE4.NF.1 (Fraction $a/b = (n \times a)/(n \times b)$) MGSE4. NF.2 (Compare fractions)
17 – Dec 6-10, 2020	MGSE4.OA.3 (Multistep word problems with all operations)

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Unit 4 - Operations with fractions	
WEEK	STANDARD
18 – Dec 13-17, 2021	MGSE4.NF.3a (Understand addition and subtraction of fractions) MGSE4.NF.3b (Decompose fractions)
19 – Dec 20 – 21, 2021	MGSE4.NF.3a (Understand addition and subtraction of fractions) MGSE4.NF.3b (Decompose fractions)
Dec 22, 2021-Jan 5, 2022	SEMESTER BREAK
Quarter 3	
20 – Jan 10-14, 2022	MGSE4.NF.3c (Add and subtract mixed numbers) MGSE4.NF.3d (Word problems with addition and subtraction)
21 – Jan 17-21, 2022	MGSE4.NF.4a (Understand a/b is a multiple of $1/b$) MGSE4.NF.4b (Multiply a fraction by a whole number) MGSE4.NF.4c (Word problems multiplying fractions and whole numbers)
22 – Jan 24-28, 2022	MGSE4.MD.4 (Line plots)

Unit 5 - Fractions and Decimals	
WEEK	STANDARD
23 – Jan 31; Feb 1 - 4, 2022	MGSE4.NF.7 (Comparing decimals: Visuals only) MGSE4.NF.6 (Decimal notation) MGSE4.NF.5 (Denominators 10 and 100)
24 – Feb 7 - 10, 2022	MGSE4.NF.7 (Comparing decimals: Visuals only) MGSE4.NF.6 (Decimal notation) MGSE4.NF.5 (Denominators 10 and 100)
25 – Feb 14-18, 2022	MGSE4.NF.5 (Denominators 10 and 100) MGSE4.NF.6 (Decimal notation)
Feb 21-25, 2022	WINTER BREAK
26 – Feb 28; Mar 1 - 4, 2022	MGSE4.NF.7 (Comparing decimals)
27 – Mar 7-11, 2022	MGSE4.MD.2 (Word problems-time, distance, volume, etc)

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Unit 6 - Geometry	
WEEK	STANDARD
28 – Mar 14-18, 2022	MGSE4.G.1 (Points, lines, angles, etc.) MGSE4.G.2 (Classify 2-D figures)
Quarter 4	
29 – Mar 21-25, 2022	MGSE4.G.3 (Symmetry)

Unit 7 - Measurement	
WEEK	STANDARD
30 – Mar 28-31; April 1, 2022	MGSE3.MD.1 (Elapsed time) MGSE4.MD.1a (Customary unit relationships) MGSE4.MD.1b (Convert larger to smaller) MGSE4.MD.1c (Record measurement equivalents in two column tables)
Apr 4-8, 2022	SPRING BREAK
31 – Apr 11-15, 2022	MGSE4.MD.5a (Concept of angle measurement) MGSE4.MD.5b (Unit of angle measurement) MGSE4.MD.6 (Angles protractor) MGSE4.MD.7 (Angle measure as additive)

Unit 8 - All	
WEEK	STANDARD
32 – Apr 18-22, 2022	EOG Review of 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	MGSE4.OA.3	MGSE4.OA.1a MGSE4.OA.1b MGSE4.OA.2 MGSE4.OA.3 MGSE4.OA.4 MGSE4.OA.5		
Numbers and Operations	MGSE4.NBT.1 MGSE4.NBT.2 MGSE4.NBT.3 MGSE4.NBT.4	MGSE4.NBT.5 MGSE4.NBT.6 MGSE4.NF.1 MGSE4.NF.2 MGSE4.NF.3a-b	MGSE4.NF.3c-d MGSE4.NF.4a-c MGSE4.NF.5 MGSE4.NF.6 MGSE4.NF.7	
Measurement and Data	MGSE4.MD.2 MGSE4.MD.3	MGSE4.MD.3 MGSE4.MD.8	MGSE4.MD.2 MGSE4.MD.4	MGSE4.MD.1a-c MGSE4.MD.5a-b MGSE4.MD.6 MGSE4.MD.7
Geometry			MGSE4.G.1 MGSE4.G.2	MGSE4.G.3

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