2022-2023

TSEHOOTSOOI INTERMEDIATE LEARNING CENTER

FIFTH GRADE MATH PACING GUIDE

Semester 1

1	**Expectations/** PreAssessments – NWEA, MATH180	
2	**CHAPTER 1:** Place Value, Multiplication, and Expressions Lessons 1.1 through 1.4 Pages 3-28	Place value, Properties, Powers of 10 5.NBT.1, 5.OA.1, 5.NBT.2
3	Lessons 1.5 through 1.8 Pages 29-54	Multiplying 1 and 2-digit numbers 5.NBT.5
4	Lessons 1.9 through 1.12 Pages 55-84	Evaluating numerical expressions 5.OA.1, 5.OA.2
5	**CHAPTER 2: Divide Whole Numbers** Lessons 2.1 through 2.4 Pages 85-112	Division with 1 and 2-digit numbers, Using partial quotients 5.NBT.6
6	Lessons 2.5 through 2.9 Pages 113-148	Dividing by 2-digit divisors, division word problems 5.NF.3, 5.NBT.6
7	**CHAPTER 3: Add and Subtract Decimals** Lessons 3.1 through 3.5 Pages 149-180	Place values of decimals, comparing and ordering decimals, estimation 5.NBT.1, 5.NBT.3a, 5.NBT.3b, 5.NBT.4, 5NBT.7
8	Lessons 3.6 through 3.9 Pages181-206	Adding and subtracting decimals 5.NBT.7
9	Lessons 3.10 through 3.12 Pages 207-230	Adding and subtracting with money, Patterns with decimals 5.NBT.7
10	**CHAPTER 4: Multiplying Decimals** Lessons 4.1 through 4.5 Pages 231-264	Multiplication of decimals and whole numbers 5.NBT.7
11	Lessons 4.6 through 4.8 Pages 265-288	Multiplying decimals, working with zeros in the product 5.NBT.7
12	**CHAPTER 5: Divide Decimals** Lessons 5.1 through 5.4 Pages 289-316	Estimating quotients, Division of decimals by whole numbers 5.NBT.2, 5.NBT.7
13	Lessons 5.5 through 5.8 Pages 317-347	Dividing decimals, Writing zeros in the dividend 5.NBT.7
14	**CHAPTER 6: Add & Subtract Fractions** with Unlike Denominators Lessons 6.1 through 6.6 Pages 348-382	Factors, common denominators, adding and subtracting fractions 5.NF.1, 5.NF.2, 5.OA.2.1
15	Lessons 6.7 through 6.10 Pages 383-418	Renaming fractions, pattern, problem solving, addition properties 5.NF.1, 5.NF.2
16	Review semester 1 or catch up	**Finish chapter 6 by winter break**

Semester 2

1	**CHAPTER 7: MULTIPLY FRACTIONS** Lessons 7.1 through 7.3 Pages 419-438	Multiplying fractions
2	Lessons 7.4 through 7.5 Pages 439-456	Multiplying fractions
3	Lessons 7.6 through 7.8 Pages 457-470	Multiplying mixed numbers by fractions
4	Lessons 7.9 and 7.10 Pages 471-488	Multiplying mixed numbers **5.NF.4a, 5.NF.4b, 5.NF.5a, 5.NF.5b 5.NF.6**
5	**CHAPTER 8: DIVIDE FRACTIONS** Lessons 8.1 through 8.3 Pages 489-510	Dividing fractions with whole numbers
6	Lessons 8.4 and 8.5 Pages 511-529	Dividing fractions **5.NF.3, 5.NF.7a-c**
7	**CHAPTER 9: PATTERNS AND GRAPHING** Lessons 9.1 through 9.4 Pages 531-558	Finding Number Patterns and Graphing/Ordered Pairs
8	Lessons 9.5 through 9.7 Pages 559-582	Finding Number Patterns and Graphing the Relationship **5.OA.3, 5.MD.2, 5.G.1, 5.G.2**
9	**CHAPTER 10: UNITS OF MEASURE** Lessons 10.1 through 10.4 Pages 583-610	Length, Capacity, and Weight, Solving Multistep Problems using Units of Measure
10	Lessons 10.5 through 10.7 Pages 611-634	Converting between measurement units **5.MD.1**
11	**CHAPTER 11: GEOMETRY AND VOLUME** Lessons 11.1 through 11.4 Pages 635-662	Working with Shapes
12	Lessons 11.5 through 11.8 Pages 663-686	Understanding Volume
13	Lessons 11.9 through 11.11 Pages 687-711	Applying Volume Formulas **5.MD.3, 5.MD.3a-b, 5.MD.4, 5.MD.5a-c, 5.G.3, 5.G.4**
14	Review and/or catch up	
15	PBL Activities/Post Assessments – NWEA, MATH180	

MATH in Fifth Grade will use Houghton Mifflin Harcourt **GO MATH** and the Think Central website.