

3rd Grade Math Curriculum

McGraw-Hill My Math

<p><u>Chapter 1-Place Value</u> 3.NBT.1, 3, NBT.2, 3.NBT.3 Place value through the thousands place Compare numbers using place value Order numbers using place value Round numbers to the nearest ten or hundred Four-step problem solving</p> <p><u>Chapter 2-Addition</u> 3.NBT.2, 3.OA.9 Add whole numbers through thousands Identify patterns on an addition table Estimate sums Add four-digit numbers with regrouping</p> <p><u>Chapter 3-Subtraction</u> 3.NBT.2, 3.OA.8 Mental Math Subtraction Strategies Estimate differences Subtract with regrouping Subtract three and four digit numbers Subtract Across zeros</p>	<p><u>Chapter 4-Understand Multiplication</u> 3.OA.1, 3.OA.3, 3.OA.5, 3.OA.8 Relate Multiplication and addition Use arrays Make a table to problem solve Use multiplication to find total number of combinations while problem solving</p> <p><u>Chapter 5-Understand Division</u> 3.OA.2, 3.OA.4, 3.OA.6, 3.OA.7 Explore two meanings of Division Model division as equal sharing Explore how multiplication and division are related Divide using related multiplication facts Use models to solve problems</p> <p><u>Chapter 6-Multiplication and Division Patterns</u> 3.OA.1, 3.OA.2, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.6, 3.OA.7, 3.OA.9 Identify patterns in a multiplication table Use arrays, drawings, and models to multiply and divide by 2, 5, and 10 Multiply by 10 Solve problems with multiples of 10 Problem Solving: Look for a pattern</p> <p><u>Chapter 7-Multiplication and Division</u> 3.OA.1, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.6, 3.OA.7, 3.OA.9 Multiply and divide by 0,1,3, 4 Draw arrays, double a known fact, or use patterns to solve multiplication problems Solve a problem by identifying extra or missing information</p>	<p><u>Chapter 8-Multiplication and Division</u> 3.OA.1, 3.OA.2, 3.OA.4, 3.OA.5, 3.OA.6, 3.OA.7, 3.OA.9 Multiply and divide by 6, 7, 8, 9, 11, 12 Use known facts, decomposing factors, draw arrays, or follow a pattern to solve multiplication and division problems Make an organized list to solve problems</p> <p><u>Chapter 13-Area and Perimeter</u> 3.MD.5, 3.MD.6, 3.MD.7, 3.MD.8 Find the perimeter of a figure Find the unknown when solving problems involving perimeter Count the unit squares to find the area of a figure Use multiplication to find the area of a figure Use the formula $A=L \times W$ to find area Find the area of composite figures</p> <p><u>Chapter 14-Geometry</u> Explore angles of two dimensional-figures Describe and classify polygons by their attributes Describe and classify triangles by their attributes Identify quadrilaterals by their attributes Partition shapes into equal sections and write unit fractions to represent each area</p>	<p><u>Chapter 10-Fractions</u> 3.NF.1, 3.NF.2, 3.FN.3 Explore and model unit fractions Using fractions to name part of a whole or set Draw a diagram to solve problems Represent fractions on a number line Use models to find equivalent fractions Recognize fractions equivalent to whole numbers Use models to compare fractions</p> <p><u>Chapter 9-Properties and Equations</u> 3.OA.5, 3.OA.7, 3.OA.8 Explore how to take apart factors to multiply Explore how to find the product of three factors Use the distributive or associative property to solve multiplication problems Write expressions using the four operations Represent two-step word problems with equations with a variable</p> <p><u>Chapter 11-Measurement</u> 3.MD.1, 3.MD.2, 3.MD.3 Explore metric measurements of liquid volume/capacity Explore metric measurements of mass Use the four operations to solve problems with capacity or mass Tell time to the nearest minute Word backwards or use time intervals to solve problems</p> <p><u>Chapter 12-Represent and Interpret Data</u> 3.MD.3, 3.MD.4 Collect and display data using tally charts, bar graphs, pictographs, and line plots</p>
Quarter 1	Quarter 2	Quarter 3	Quarter 4

Wonders McGraw-Hill Reading and
Language Arts Curriculum Map

Third Grade

Unit 1 Growing and Learning							
Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Start Smart	Multisyllabic words Syllable types		Rate Accuracy Expression	Genre, Story Structure, Theme, Point of View	Six Traits Writing Process	RF 3.3a,c; L.3.5b, 3.6: RL.3.1-3,3.9; RF.3.3d, 3.4.3.4a-c; W.3.10	What discoveries can people make when they cooperate with others?
Week1 Storytime	Spelling: Short a, i Other: Word families	Synonyms ached, concrete, discovery, educated, effort, improved, inspired, satisfied	Expression	Genre: Fantasy Strategy: Visualize Skill: Character Traits	Grammar: Sentence and Fragments; capitalization and punctuation Trait: Ideas: focus on an event	L.3.6; RL.3.3; RF.3.3c; RF.3.4b; W.3.3a; L.3.1j; L.3.2f; L.3.4a	What can stories teach you?

Week 2 Traditions	Spelling: Short e, o, u Other: Inflection endings	Context Clues celebrate, courage, disappointment, precious, pride, remind, symbols, tradition	Phrasing and Intonation	Genre: Realistic Fiction Strategy: Visualize Skill: Plot, Sequence	Grammar: Commands and exclamations Trait: Word Choice: descriptive details	L.3.6; RL.3.3; RF.3.3c; RF.3.4b; W.3.3c; L.3.1j; L.3.2f; L.3.4a	What can traditions teach you about traditions?
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Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Week 3 Communities	Spelling: Final e, Other: Inflectional endings, Drop Final e	Compound Words admires, classmate, community, contribute, practicing, pronounce, scared, tumbled	Rate	Genre: Narrative NonFiction Strategy: Ask and Answer Questions in text Skill: Text Structure: Sequence	Grammar: Sentences: Subjects Trait: Organization	L.3.6; R I.3.8; RF.3.3c; RF.3.4a; W.3.3c; L.3.1j; L.3.2f;	How do people from different cultures contribute to a community?

Week 4 Inventions	Spelling: Long A patterns (ay, ai, a_e, ea, eigh, ei, ey) Other: Plurals s and es	Metaphors design, encouraged, examine, investigation, quality, simple, solution, substitutes	Phrasing and Rate	Genre: Biography Strategy: Ask and Answer Questions in text Skill: Text Structure: Cause and Effect	Grammar: Predicates Trait: Word Choice	L.3.6; R I.3.8; RF.3.3c; RF.3.4b; W.3.3c; L.3.1i; L.3.2f; L 3.5a	How can problem solving lead to new ideas?
Week 5 Landmarks	Spelling: Long o patterns (o, ow, o_e, oa, oe) Other: compound words	Multiple meaning words carved, clues, grand, landmark, massive, monument, national, traces	Accuracy and Phrasing	Genre: Expository Text Strategy: Ask and Answer Questions in text Skill: Main Ideas and Key Details	Grammar: Simple and compound sentences Trait: Sentence Fluency	L.3.4; R I.3.2; RF.3.3c; RF.3.4c; W.3.10; L.3.1h; L.3.2f; L 3.5a	How do landmarks help us understand our country's story?

Week 6 - Review and Assess

Unit 2 Figure it Out							
Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		

Week 1 Cooperation	Spelling: Long i and u Other: Plural words with y to i	Antonyms attempt, awkward, cooperation, created, furiously, interfere, involved, timid	Intonation and Phrasing	Genre: Folk Tale Strategy: Make, confirm, and revise predictions Skill: Theme	Grammar: Kinds of nouns (common, proper, concrete, abstract) Trait: Word choice	L.3.6; R L.3.2; RF.3.3c; RF.3.4b; W.3.2c; L.3.1a; L.3.2f; L 3.5c	Why is working together a good way to solve a problem?
Week 2 Immigration	Spelling: Long e Other: inflectional endings	Similes arrived, immigrated, inspected, moment, opportunity, photographs, valuable, whispered	Rate	Genre: Historical Fiction Strategy: Make, confirm, and revise predictions Skill: Theme	Grammar: Singular and Plural Nouns Trait: Word choice: Precise Nouns	L.3.6; R L.3.1; RF.3.3c; RF.3.4b;L.3.2c; L.3.3a; L.3.1b; L.3.2f; L.3.5a	Why do people immigrate to new places?
Week 3 Government	Spelling: Words with silent letters Other: Singular and Plural Possessives	Prefixes announced, candidates, convince, decisions, elect, estimate, government, independent	Accuracy and Phrasing	Genre: Expository Text Strategy: Reread Skill: Authors Point of View	Grammar: Irregular plural nouns and collective noun Trait: Idea	L.3.6; RI.3.6; RF.3.3d; RF.3.4b; W.3.2b; L.3.1b; L.3.2f; L.3.4b	How do people make government work?
Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		

<p>Week 4 Survival</p>	<p>Spelling: 3 letter blends</p> <p>Other: Closed Syllables</p>	<p>Suffixes</p> <p>Caretakers, population, recognized, relatives, resources, success, survive, threatened</p>	<p>Rate</p>	<p>Genre: Expository Text Strategy: Reread Skill: Authors Point of View</p>	<p>Grammar: Combining Sentences: Subject Nouns Trait: Organization</p>	<p>L.3.6; RI.3.6; RF.3.3c; RF.3.4; W.3.3c; L.3.1i; L.3.2f; L.3.4b</p>	<p>How can people help animals survive?</p>
<p>Week 5 Figure it Out</p>	<p>Spelling: Digraphs</p> <p>Other: Alliteration and Rhyme, Open Syllables</p>	<p>Similes</p> <p>bounce, imagine, inventor, observer, alliteration, free verse, limerick, rhyme</p>	<p>Phrasing</p>	<p>Genre: Poetry, Limerick and Free Verse Skill: Point of View Literary Elements: Alliterations and Rhymes</p>	<p>Grammar: Possessive Nouns Trait: Idea</p>	<p>L.3.6; RL.3.6; RF.3.3c; SL.3.5; W.3.2b; L.3.2d; L.3.2f; L.3.5a</p>	<p>How do people figure things out?</p>

Week 6 - Review and Assess

Unit 3 – One of a Kind

Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Week 1 Be Unique	Spelling: r controlled vowels Other: contractions	Synonyms disbelief, dismay, fabulous, features, offered, splendid, unique, watchful	Expression	Genre: Folk Tale Strategy: Visualize Skill: problem and solution	Grammar: Action verbs Trait: Sentence Fluency	L.3.6; RL.3.3; RF.3.3c; RF.3.4b; W.3.3a; L.3.1a; L.3.2f; L.3.5b	What makes different animals unique?
Week 2 Leadership	Spelling: r controlled vowels /ar/, /or Other: Prefixes un-, re-, pre-	Idioms amazement, bravery, disappear, donated, leader, nervous, refused, temporary	Phrasing	Genre: Historical Fiction Strategy: Visualize Skill: cause and effect	Grammar: Present tense verbs and subject verb agreement Trait: Word Choice – linking verbs	L.3.6; RL.3.3; RF.3.3a; RF.3.4a; W.3.1c; L.3.1f; L.3.2f; L.3.5c	How can one person change the way you think?
Week 3 Discoveries	Spelling: r controlled vowels /ar/, /ir/ Other: Suffixes –ly -y	Suffixes amount, astronomy, globe, solar system, support, surface, temperature, warmth	Accuracy and Phrasing	Genre: Expository Text Strategy: Summarize Skill: Main Idea and Key Details	Grammar: Past tense verbs Trait: Organization	L.3.6; RI.3.2; RF.3.3a; RF.3.4a; W.3.10; L.3.1e; L.3.2f; L.3.4b	What do we know about Earth and its neighbors?

Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Week 4 New Ideas	Spelling: Prefixes pre-, dis-, mis- Other: Final e syllables	Root Words effective, example, identical, imitate, material, model, observed, similar	Phrasing and rate	Genre: Expository Text Strategy: Summarize Skill: Main Ideas and Key Details	Grammar: Future Tense Verbs Trait: Organization	L.3.6; RI.3.2; RF.3.3a; RF.3.4b; W.3.2d; L.3.1e; L.3.2f; L.3.4c	What ideas can we get from nature?
Week 5 Value the Past	Spelling: Diphthongs oi, ou Other: Prefixes un-, non-, dis-	Suffixes agreeable, appreciate, boomed, descendants, emigration, pioneers, transportation, vehicles	Accuracy and Phrasing	Genre: Expository Text Strategy: Summarize Skill: Sequence	Grammar: Combining sentences with verbs Trait: Voice	L.3.6; RL.3.8; RF.3.3a; RF.3.4b; W.3.1a; L.3.1f; L.3.2f; L.3.4b	How is each event in history unique?

**Week 6 Review
and Assess**

Unit 4 – Meet the Challenge

Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Week 1 Choices	Spelling: /ü/ and /û (oo, u_e, ue, ew, u, ui, ou) Other: Punctuation and complete sentences	Root Words aroma, expect, flavorful, graceful, healthful, interrupted, luscious, variety	Expression	Genre: Folktale Strategy: Ask and Answer Questions Skill: Point of View	Grammar: linking verbs Trait: Voice	L.3.6; RL.3.1; L.3.4c; RF.3.4b; W.3.3b; L.3.1a; L.3.2f; L.3.4c	What choices are good for us?
Week 2 Skills and Talents	Spelling: Plural words Other: Using apostrophes	Prefixes achievement, apologized, attention, audience, confidence, embarrassed, realized, talents	Expression	Genre: Realistic Fiction Strategy: Ask and Answer Questions Skill: Point of View	Grammar: Contractions with not Trait: Ideas	L.3.6; RL.3.1; RF.3.3c; RF.3.4a; W.3.3b; L.3.2f; L.3.2f; L.3.4b	How can you use what you know to help others?

Week 3 Adaptations	Spelling: Variant vowel /ô/ (aw, au, al, ough) Other: Commas and quotation marks in dialogue	Sentence Clues alert, competition, environment, excellent, prefer, protection, related, shelter	Intonation	Genre: Expository Text Strategy: Reread Skill: Text structure: Compare and Contrast	Grammar: Main and Helping Verbs Trait: Organization	L.3.6; RI.3.8; RF.3.4c; RF.3.4a; W.3.2a; L.3.1d; L.3.2f; L.3.4a	How do animals adapt to challenges in their habitat?
Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Week 4 Flight	Spelling: Homophones Other: Commas in Sentences	Context Clues controlled, direction, flight, impossible, launched, motion, passenger, popular	Accuracy	Genre: Expository Text Strategy: Reread Skill: Cause and effect	Grammar: Complex Sentences Trait: Organization	L.3.6; RI.3.3; RF.3.3d; RF.3.4b; W.3.2d; L.3.1j; L.3.2f; L.3.4a	How are people able to fly?

Week 5 Inspiration	Spelling: Soft c and g Other: Commas in sentences	Metaphors adventurous, courageous, extremely, weird, free verse, narrative poem, repetition, rhyme		Genre: Narrative and Free Verse Strategy: Repetition and Rhyme Skill: Theme	Grammar: Irregular Verbs Trait: Word Choice	L.3.6; RL.3.2; RF.3.3c; RF.3.4b; W.3.3b; L.3.1d; L.3.2f; L.3.5a	How can others inspire us?
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**Week 6 Review
and Assess**

Unit 5 – Take Action							
Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		

Week 1 Let's Trade!	Spelling: Compound Words Other: Capitalize "I" and Proper Nouns	Root Words admit, barter, considered, creation, humble, magnificent, payment, reluctantly	intonation	Genre: Fairytale Strategy: Summarize Skill: Point of View	Grammar: Singular and Plural Pronouns Trait: Sentence Fluency	L.3.6; RL.3.6; RF.3.3c; RF.3.4a; W.3.3a; L.3.1a; L.3.2f; L.3.4c	How do we get what we need?
Week 2 Reuse and Recycle	Spelling: Inflectional Endings –ed, ing, -s Other: Pronoun usage	Homographs conservation, discouraged, frustration, gazed, jubilant, recycling, remaining, tinkered	Phrasing	Genre: Realistic Fiction Strategy: Summarize Skill: Point of View	Grammar: Subject and Object Pronouns Trait: Word Choice	L.3.6; RL.3.6; RF.3.3a; RF.3.4a; W.3.3b; L.3.1a; L.3.2e; L.3.5c	How can we reuse what we already have?
Week 3 Teaming Up	Spelling: Closed Syllables vc/cv Other: Adding –s and –es	Context Clues accidental, careless, disasters, equipment, harmful, prevention, purpose, respond	Phrasing and Rate	Genre: Expository Text Strategy: Ask and Answer Questions Skill: Author's Point of View	Grammar: Pronoun-Verb Agreement Trait: Organization	L.3.6; RI.3.1; RF.3.3c; RF.3.4b; W.3.2a; L.3.1f; L.3.2f; L.3.4a	How do teams work together?
Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		

<p>Week 4 Good Citizens</p>	<p>Spelling: Inflectional Endings y to i</p> <p>Other: Reflexive Pronouns</p>	<p>Prefixes and Suffixes</p> <p>citizenship, continued, daring, horrified, participate, proposed, unfairness, waver</p>	<p>Phrasing and Rate</p>	<p>Genre: Biography Strategy: Ask and Answer Questions Skill: Author's Point of View</p>	<p>Grammar: Possessive Pronouns Trait: Organization</p>	<p>L.3.6; RI.3.6; RF.3.3a; RF.3.4b; W.3.10; L.3.2d; L.3.2f; L.3.4b</p>	<p>What do good citizens do?</p>
<p>Week 5 Energy</p>	<p>Spelling: Open Syllables cvc</p> <p>Other: Spelling contractions and possessive pronouns</p>	<p>Homophones</p> <p>energy, natural, pollution, produce, renewable, replace, sources, traditional</p>	<p>Rate</p>	<p>Genre: Expository Text Strategy: Ask and Answer Questions Skill: Cause and Effect</p>	<p>Grammar: Pronoun – Verb Contractions Trait: Voice</p>	<p>L.3.6; RI.3.3; RF.3.3a; RF.3.4b; W.3.1a; L.3.1a; L.3.2f; L.3.4a</p>	<p>What are different kinds of energy?</p>

**Week 6 Review
and Assess**

Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Week 1 Treasures	<p>Spelling: Prefixes un-, pre-, re-, dis-</p> <p>Other: Commas in dates and in a series</p>	<p>Root Words</p> <p>alarmed, anguish, necessary, obsessed, possess, reward, treasure, wealth</p>	Expression	<p>Genre: Myth and Drama</p> <p>Strategy: Make, Confirm, and Revise Predictions</p> <p>Skill: Theme</p>	<p>Grammar: Adjectives and Articles (a, an, the) Trait: Sentence Fluency</p>	L.3.6; RL.3.28; RF.3.3a; RF.3.4c; W.3.2a; L.3.1a; L.3.2f; L.3.4b	How do you decide what's important?
Week 2 Weather	<p>Spelling: Consonant + le Syllables</p> <p>Other: Correct comparative and superlative forms</p>	<p>Idioms</p> <p>argue, astonished, complained, conditions, forbidding, forecast, relief, stranded</p>	Phrasing	<p>Genre: Historical Fiction</p> <p>Strategy: Make, Confirm, Revise Predictions</p> <p>Skill: Theme</p>	<p>Grammar: Adjectives that compare</p> <p>Trait: Word Choice – linking words</p>	L.3.6; RL.3.2; RF.3.3b; RF.3.4a; W.3.3b; L.3.1g; L.3.2f; L.3.5a	How can weather affect us?
Week 3 Learning to Succeed	<p>Spelling: Vowel-Team Syllables</p> <p>Other: Adjectives</p>	<p>Greek and Latin Roots</p> <p>communicated, essential, goal, motivated, professional, research, serious, specialist</p>	Accuracy	<p>Genre: Biography</p> <p>Strategy: Reread</p> <p>Skill: Text Structure: Problem and Solution</p>	<p>Grammar: Adverbs</p> <p>Trait: Organization – Order ideas</p>	L.3.6; RI.3.3; RF.3.3c; RF.3.4c; W.3.2a; L.3.1a; L.3.2f; L.3.4a	Why are goals important?

Week	Concepts					Standard	Essential Question
	Phonics	Vocabulary	Fluency	Comprehension	Writing		
Week 4 Animals and You	Spelling: r-controlled vowel syllables Other: Using more and most	Paragraph Clues endangered, fascinating, illegal, inhabit, requirement, respected, unaware, wildlife	Phrasing	Genre: Expository Test Strategy: Reread Skill: Compare and Contrast	Grammar: Adverbs that compare Trait: Organization – Strong Conclusions	L.3.6; RI.3.8; RF.3.3b; RF.3.4b; W.3.2b; L.3.1g; L.3.2f; L.3.4a	How can learning about animals help you respect them?
Week 5 Funny Times	Spelling: Suffixes –ful, less, -ly Other: Commas after introductory words	Idioms entertainment, humorous, ridiculous, slithered, narrative poem, rhyme, rhythm, stanza	Phrasing and Expression	Genre: Narrative Poem Skill: Point of View	Grammar: Prepositions Trait: Word Choice – Precise language	L.3.6; RL.3.6; RF.3.3a; RF.3.4b; W.3.3b; L.3.1i; L.3.2f; L.3.5a	What makes you laugh?
Week 6 Review and Assess							