**Curriculum Kindergarten - 8th**

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **Kindergarten** | Letter RecognitionSounds of LettersSmall Group Read Alouds | Writing Sentences with Capital LettersUsing correct punctuationFollows Superkids Curriculum : \*Create and compose lists (use telling/doing words-seasonal words)\*Create a word wall by labeling objects. (Move from words to phrases) | Counting and Cardinality• Know number names and the count sequence.• Count to tell the number of objects.• Compare numbers.Operations and Algebraic Thinking• Understand addition as putting together and adding to, and understand subtraction astaking apart and taking from.Number and Operations in Base Ten• Work with numbers 11–19 to gain foundations for place value.Measurement and Data• Describe and compare measurable attributes.• Classify objects and count the number of objects in categories.Geometry• Identify and describe shapes.• Analyze, compare, create, and compose shapes. | Dinosaurs, Seasons, Weather, Earth changes, Animals, Climates, Adaptations, Plants, Seeds | Town, State, Maps, Landforms, Community |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **1st Grade** | FluencyPhonemesSounds of LettersBook ClubsDecodingComprehension  | \*Write a friendly letter\*Follows Superkids \*Go through the 5 steps of writing and use with each papera. prewritingb. draftingc. revisingd. editinge. publishing\*Journal writing\*Compose a descriptive paragraph (topic sentence with 3 supporting sentences. | Operations and Algebraic Thinking* Represent and solve problems involving addition and subtraction.
* Understand and apply properties of operations and the relationship between addition and subtraction.
* Add and subtract within 20.
* Work with addition and subtraction equations.

Number and Operations in Base Ten* Extend the counting sequence.
* Understand place value.
* Use place value understanding and properties of operations to add and subtract.

Measurement and Data* Measure lengths indirectly and by iterating length units.
* Tell and write time.
* Represent and interpret data.

Geometry* Reason with shapes and their attributes.
 | Scuba Divers, Refraction, Light, Colors, Seasons, Adaptations, Water cycle, States of matter, Living/ Non living things | Community, Culture, Past vs Present, Mapping Skills, Inquiry, Economy, Jobs |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **2nd Grade** | Decode/ Encode wordsUse comprehension with FictionUse comprehension with Nonfiction ( Book clubs, Super Magazine, Read Aloud)Comprehension: Details, Main Idea, Understanding Characters, Setting  | Follows Super Kids Curriculum/ Response Journal which includesGo through the 5 steps of writing and use with each papera. prewritingb. draftingc. revisingd. editinge. publishing\*Journal writing | Operations and Algebraic Thinking• Represent and solve problems involving addition and subtraction.• Add and subtract within 20.• Work with equal groups of objects to gain foundations for multiplication.Number and Operations in Base Ten• Understand place value.• Use place value understanding and properties of operations to add andsubtract.Measurement and Data• Measure and estimate lengths in standard units.• Relate addition and subtraction to length.• Work with time and money.• Represent and interpret data.Geometry• Reason with shapes and their attributes. | Plants, Animals, Water, States of Matter | Community, Citizenship, Maps |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **3rd Grade** | Nonfiction textVocabularyMain IdeaFinding DetailsCharacter StudiesChanges from Beginning/ EndFiction Text  | Journal Writing\*Lucy Calkins: Work with the 5 steps of writing1. prewriting
2. drafting
3. revise
4. edit
5. publish

LC- Mini Lessons\*Use transitions in all writingLC- Mini Lessons\*Compose a closing sentence to use in all writing. | Operations and Algebraic Thinking• Represent and solve problems involving multiplication and division.• Understand properties of multiplication and the relationship betweenmultiplication and division.• Multiply and divide within 100.• Solve problems involving the four operations, and identify and explain patternsin arithmetic.Number and Operations in Base Ten• Use place value understanding and properties of operations to perform multi-digit arithmetic.Number and Operations—Fractions• Develop understanding of fractions as numbers.Measurement and Data• Solve problems involving measurement and estimation of intervals of time,liquid volumes, and masses of objects.• Represent and interpret data.• Geometric measurement: understand concepts of area and relate area tomultiplication and addition.• Geometric measurement: recognize perimeter as an attribute of plane figuresand distinguish between linear and area measures.Geometry• Reason with shapes and their attributes. | Heredity, Animal survival, Invisible forces | Civics, Landforms, Bodies of Water, Migration, Culture |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **4th Grade** | Nonfiction TextFiction TextMain IdeaCharacter TraitsPlotDetails | Include 2 Journal Writings per week\*Lucy Calkins: Work with the 5 steps of writing1. prewriting
2. drafting
3. revise
4. edit
5. publish

 LC- Mini Lessons\*Use transitions in all writing | Operations and Algebraic Thinking• Use the four operations with whole numbers to solve problems.• Gain familiarity with factors and multiples.• Generate and analyze patterns.Operation Number and s in Base Ten• Generalize place value understanding for multi-digit whole numbers.• Use place value understanding and properties of operations to perform multi-digit arithmetic.Number and Operations—Fractions• Extend understanding of fraction equivalence and ordering.• Build fractions from unit fractions by applying and extending previousunderstandings of operations on whole numbers.• Understand decimal notation for fractions, and compare decimal fractions.Measurement and Data• Solve problems involving measurement and conversion of measurements froma larger unit to a smaller unit.• Represent and interpret data.• Geometric measurement: understand concepts of angle and measure angles.Geometry• Draw and identify lines and angles, and classify shapes by properties of theirlines and angles. | Human machine, senses, bones, rock cycle, sound waves, energy - motion | Civics, Government Standards, Geography |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **5th Grade** | Fiction TextNon-Fiction TextMain IdeaThemesInferring  |  Journal Writing\*Lucy Calkins: Units of Study: Work with the 5 steps of writing1. prewriting
2. drafting
3. revise
4. edit
5. publish

LC- Mini Lessons\*Use transitions in all writing | Operations and Algebraic Thinking• Write and interpret numerical expressions.• Analyze patterns and relationships.Number and Operations in Base Ten• Understand the place value system.• Perform operations with multi-digit whole numbers and with decimals to hundredths.Number and Operations—Fractions• Use equivalent fractions as a strategy to add and subtract fractions.• Apply and extend previous understandings of multiplication and division to multiply anddivide fractions.Measurement and Data• Convert like measurement units within a given measurement system.• Represent and interpret data.• Geometric measurement: understand concepts of volume and relate volume tomultiplication and to addition.Geometry• Graph points on the coordinate plane to solve real-world and mathematical problems.• Classify two-dimensional figures into categories based on their properties. | Food web, Water Cycle, Space, Muscular/ Skeletal Systems | Colonization, Revolutionary War, Constitution |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **6th Grade** | Fiction TextNonfiction TextNovel StudiesCentral IdeaMessage of storySupporting DetailsAnalysis of all text / Comparison of text  | Journal WritingQuick Writes \*Work with the 5 steps of writing1. prewriting
2. drafting
3. revise
4. edit
5. publish

\*Use transitions in all writing\*Compose friendly letter, introduction and closing paragraphs, descriptive, argumentative  | Ratios and Proportional Relationships• Understand ratio concepts and use ratio reasoning to solve problems.The Number System• Apply and extend previous understandings of multiplication and division todivide fractions by fractions.• Compute fluently with multi-digit numbers and find common factors andmultiples.• Apply and extend previous understandings of numbers to the system of rationalnumbers.Expressions and Equations• Apply and extend previous understandings of arithmetic to algebraicexpressions.• Reason about and solve one-variable equations and inequalities.• Represent and analyze quantitative relationships between dependent andindependent variables.Geometry• Solve real-world and mathematical problems involving area, surface area, andvolume.Statistics and Probability• Develop understanding of statistical variability.• Summarize and describe distributions. | Earth Science , Labs, Periodic Table | Geography, Land, Climate, Regions USA |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **7th Grade** | Fiction TextNonfiction TextAnalyzingCritical ThinkingComprehension (Blooms)Understanding Empathy related to CharactersUsing Open Ended Questions | Journal Writing\*Work with the 5 steps of writing1. prewriting
2. drafting
3. revise
4. edit
5. publish

\*Use transitions in all writing\*Choose a brainstorming technique to use \*Compose a narrative paper, descriptive, persuasive, short story, business letter \*Peer editing  | Ratios and Proportional Relationships• Analyze proportional relationships and use them to solve real-world and mathematicalproblems.The Number System• Apply and extend previous understandings of operations with fractions to add,subtract, multiply, and divide rational numbers.Expressions and Equations• Use properties of operations to generate equivalent expressions.• Solve real-life and mathematical problems using numerical and algebraic expressions andequations.Geometry• Draw, construct and describe geometrical figures and describe the relationships betweenthem.• Solve real-life and mathematical problems involving angle measure, area, surface area,and volume.Statistics and Probability• Use random sampling to draw inferences about a population.• Draw informal comparative inferences about two populations.• Investigate chance processes and develop, use, and evaluate probability models. | Life Science, Human Body, Plants, Animals, Scientific Method, Labs | Economics, World Civilizations, Glaciers, Pangea, Early America, Democracy  |

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| **Grade Level** | **Reading** | **Writing** | **Math** | **Science**  | **SS** |
| **8th Grade** | Fiction TextNonfiction TextAnalyzingCritical ThinkingComprehension (Blooms)Understanding Empathy related to CharactersUsing Open Ended Questions | Journal Writing\*Work with the 5 steps of writing1. prewriting
2. drafting
3. revise
4. edit
5. publish

\*Use transitions in all writing\*Choose a brainstorming technique to use \*Compose an expository paper, research, descriptive, biographical narrative \*Peer Editing  | The Number System• Know that there are numbers that are not rational, and approximate them byrational numbers.Expressions and Equations• Work with radicals and integer exponents.• Understand the connections between proportional relationships, lines, andlinear equations.• Analyze and solve linear equations and pairs of simultaneous linear equations.Functions• Define, evaluate, and compare functions.• Use functions to model relationships between quantities.Geometry• Understand congruence and similarity using physical models, transparencies,or geometry software.• Understand and apply the Pythagorean Theorem.• Solve real-world and mathematical problems involving volume of cylinders, cones andspheres.Statistics and Probability• Investigate patterns of association in bivariate data. | Physical Science, Scientific Method, Use of Microscopes, Waves, Periodic Table  | US history before the Civil War, Developing Countries, Wars, Citizenship, Constitution, Economics, 1945-present history, Geography |