

GRADE 1 & 2 CURRICULUM OVERVIEW

LANGUAGE ARTS (Grade 1)

- **Reading:** Reading Fluency & Expression, Word Families & Sight Words, Reading Strategies, Reads 40-60 wpm, Creation Stories, Myths, Fables and Legends, Parts of a Book, Authors and Illustrators, Poetry about Nature and Animals
- **Writing:** Writing & Sentence Structure, Possessive Pronouns, Capitalization, End Marks, Singular and Plural, Creative Writing, Journal Writing about Personal Experiences, Friendly Letters, Dictionary Skills, Library Skills
- **Listening:** Listening to each other, following directions and Taking Turns
- **Speaking:** Discussions, Presentations & Journal Sharing, Announcements, Choral Reading, Tongue Twisters, Role Playing, Mime, Puppetry
- **The Arts:** Art, Music and Dance of Europe & the Cultures represented in Class

LANGUAGE ARTS – Grade 2

- **Reading:** Story Elements – Where, When, Who, What, Reads 90 wpm, Comprehension, and Vocabulary Development, Context and Structural Clues, Rhythm, rhyme, Alliteration, Folk Tales, Indian and Chinese Stories and Poetry, Library and Dictionary Skills
- **Writing:** Stories, Summaries, Descriptive Writing, Persuasive Writing, Brochures, Free Writing, Journals, Reflections, Research Writing, Cursive Writing, Writing Process, Punctuation, Capitalization, Spelling, Contractions, Possessives, Idioms, Word Order, Commas, Alphabetizing
- **Listening:** Oral and Written Directions, Being a Good Audience, Taking Turns
- **Speaking:** Oral Presentations, Group Sharing, Elements of Speaking Clearly, Read Alouds, Improv, Role Playing
- **The Arts:** Music, Art and Dance of China, India, Africa and Latin America

MATH (Grade 1)

- **Number Sense:** Place Value to 100, Addition Facts, Subtraction Facts, Fact Families, Odd/Even, Skip Counting, Comparing Numbers, Count by 100's, Write Numbers Using Words, Adds 2 digit numbers without regrouping. One to One Correspondence, Mental Math (2's, 5's, 10's), Turn Around Facts, Number stories
- **Fractions:** Identify fractional parts of a region, Compare fractions less than 1
- **Mathematical Processes:** Choosing operation, patterns, classification, sorting, probability, connections
- **Geometry:** Attributes, Draw Shapes, Symmetry, Angles and Sides, Polygons, Names and characteristics, 3 – dimensional shapes
- **Algebraic Thinking:** Odd/Even, Missing Numbers, Venn Diagrams, Comparison Symbols (>, <, =), Input and Output, Patterns in sums
- **Measurement:** Compare sizes/weights, Measure Lengths, Thermometer, Time to $\frac{1}{2}$ and $\frac{1}{4}$ hour, Monthly Calendar, Estimation, Money, Capacity
- **Statistics:** Picto & Bar Graphs, Tally Charts, Data Collection, Calculator intro.

MATH – Grade 2

- **Number Sense:** Addition & Subtraction to 20, 2-digit addition/subtraction with and without regrouping, 3 digit addition/subtraction without regrouping, rounding 10's, place value to 1000, recognition to 100, even/odd, skip counting by 2's, 5's and 10's, Identifies multiples, Greater than, Less Than, Equal to, Number Patterns, Fact Families, Multiplies by 0-5. Multiplies by 10, 100, 1000 and/or 10,000, Adds and Subtracts Money, Makes Change.
- **Fractions:** Whole/parts of set ($\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$)
- **Mathematical Processes** – Guess and Check, Using an Object, Drawing a Picture, Math Journals, Talk and Share, Working in Groups
- **Geometry:** Plain and Solid Shapes – Sides, Corners, Polygons, Parallel & Perpendicular Lines, Line Segments, Vertices, Circles, Symmetry, Congruents, Slides, Flips and Turns, Perimeter, Circumference, Area
- **Algebraic Thinking:** Odd/Even, Missing Numbers, Venn Diagrams, Comparison Symbols ($>$, $<$, $=$), Input and Output, Patterns in sums
- **Measurement:** Standard/Non-Standard Measurement, liquids, weight, length – metric and US, temperature, time to $\frac{1}{4}$ hour, money, Date using digits
- **Statistics:** Gathering Data, Graphing – line, picto, bar, tall, coordinate

SOCIAL STUDIES – Grades 1 & 2

- **World Cultures: Expression of Cultures** - People around the world express culture and beliefs through games, stories, art and music.
- **History: Historical Case Study: India and China** - The world's two most populous countries have rich histories, cultures and legacies
- **Geography: A Place for Everyone** – Humans will change their environments to meet various needs.
- **Community: Challenges, Risks and Resilience** - Children worldwide face a variety of risks and challenges.
- **Economics: Toys and Games** - Toys and games have social, cultural and economic ramifications.

SCIENCE/HEALTH - Grades 1 & 2

- **Living Things: Endangered to Extinct: The Rainforest** - We can protect our animal and plant world by understanding how it is organized and becoming aware of what threatens it.
- **Earth and Space: A Place for Everyone** - Humans have adapted to a variety of climatic and geographic conditions.
- **Materials & Matter: Solids and Liquids** - Matter with which we interact exists in three fundamental states: solid, liquid, and gas.
- **Forces & Energy: Simple Machines** - Our capacity to see and invent relationships between effort and work produced through simple machines has helped us create new ways of doing things.

- **Environmental Studies: Reduce, Reuse, Recycle: Food** - Our personal choices can impact our health and change our environment
- **Health & Life Skills: Keeping My Body Healthy**- A balance between factors such as nutrition, exercise and recreation contributes to human health.

UNITS OF DISCOVERY

Theme: Caring for the World's Children

Essential Understanding: Children around the world face a variety of risks and challenges.

Essential Questions:

- What does it mean to be healthy?
- How can we stay healthy?
- How healthy are the world's children?
- Who works to help keep kids around the world safe and healthy?
- How can we help to keep the world's children healthy?

Theme: India and China

Essential Understanding: The world's two most populous countries have rich histories, cultures and legacies.

Essential Questions:

- What is the geography of India and China?
- What have been the contributions of China and India?
- How are the beliefs and values of India and China reflected in Chinese and Indian stories, music and art?
- Who are the significant people in Chinese and Indian history?
- What role do China and India play in today's world?

Theme: Roses are Red

Essential Understanding: People use poetry to express themselves

Essential Questions:

- What are the different types of poetry?
- How are different types of poetry structured?
- How is poetry the same and different around the world?
- How do we interpret poetry?

Theme: Simple Machines

Essential Understanding: The human capacity to see and invent relationships between effort and work has helped us create new ways of doing things.

Essential Questions:

- What are simple machines?
- How do simple machines work?
- What are some examples of simple machines created and used in various parts of the world?

- How can we create our own simple machines?
- What is the impact of simple machines on people and society?

Theme: Toys and Games

Essential Understanding: Toys and games have existed throughout time and across all cultures.

Essential Questions:

- What role do toys & games play in our lives?
- What kinds of toys and games do kids around the world play?
- How are toys and games created, manufactured and marketed?
- What is the economic impact of toys & games in society?

Theme: Endangered to Extinct: The Rainforest

Essential Understanding: We can protect our animal and plant world by understanding how it is organized and what threatens it.

Essential Questions:

- What are the elements and characteristics of the rainforest?
- How interdependent are living things with their habitats?
- What resources can be found in the rainforest?
- What is the impact of humans on the rainforest?
- What can or should we do to protect the rainforest?

