

Kindergarten Curriculum



Language Arts:

Wonders Reading offers a comprehensive language arts program that teaches the necessary skills students need to become successful readers. Each grade focuses on essential literacy skills. In Kindergarten, literacy begins with a strong foundation. Wonders provides the explicit and systematic instruction needed to:

- Develop Essential Phonics Skills
- Create Phonological Awareness
- Create Phonemic Awareness
- Build confidence with high-frequency words
- Increase Vocabulary
- Develop Concepts of Print

Mathematics:

EnVision math helps students develop deep conceptual understanding through problem-based instruction, visual learning, small group work, and personalization. Independent research validates the program's effectiveness in raising student achievement. It is a comprehensive math program that offers the flexibility of print, digital, or blended instruction at all grade levels. Each grade studies key mathematical concepts that are grouped in clusters.

Kindergarten Clusters:

- Operations and Algebraic Thinking: Represent and solve problems involving addition and subtraction. Add and subtract within 20. Understand and apply properties of operations and the relationship between addition and subtraction. Work with addition and subtraction equations.
- Measurement and Data: Represent and interpret data. Measure lengths indirectly and by iterating length units. Tell and write time.
- 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.
- Geometry: Reason with shapes and their attributes.

Science:

The Full Option Science System creates students who are proficient in scientific discovery through rigorous, interactive, and collaborative science program created to meet diverse student needs. The F.O.S.S. mission is to help all students investigate scientifically to construct and acquire conceptual understanding of their world, develop positive scientific attitudes, and become scientifically literate.

Kindergarten F.O.S.S Units:

- Physical Science - Sound and Light

The Sound and Light Module provides students with experiences to develop an understanding of how to observe and manipulate sound and light. Students learn that sound comes from vibrating objects. They explore how to change sound volume and pitch and develop simple models for how sound travels from the source to the receiver. With light, students also work with sources and receivers. They find out what happens when materials with different properties are placed in a beam of light and explore how to create and change shadows and reflections.

- Earth Science - Air and Weather

In the Air and Weather Module, students turn their focus to the sky to make observations that will heighten their awareness, curiosity, and understanding of Earth's dynamic atmosphere and the observable patterns of objects in the sky. Students explore the natural world by using simple instruments to observe and monitor change.

- Life Science - Plants and Animals

The Plants and Animals Module provides experiences that heighten students' awareness of the way that plants and animals meet their basic needs. They observe plant structures and discover ways to propagate new plants from mature plants (from seeds, bulbs, roots, and stem cuttings). Students design terrariums and provide for the needs of both plants and animals living together in the classroom.

Social Studies:

Scholastic News Edition brings grade-appropriate, curriculum-connected nonfiction print and digital magazines into the classroom. Scholastic increases science and social studies knowledge with engaging informational texts, complete lesson plans, and online resources like videos. Scholastic also focuses on vocabulary, building content knowledge, and reading skills. Each month has a series of themes and topics.

September: School Rules, Manners, Meet an Author, Friends at School

October: Pumpkins, Real Busy Spiders, Fire Safety/Firefighters, Autumn Changes

November/December: Veterans Day, The Wampanoag/Pilgrims, Hibernation, How to make Gingerbread Men

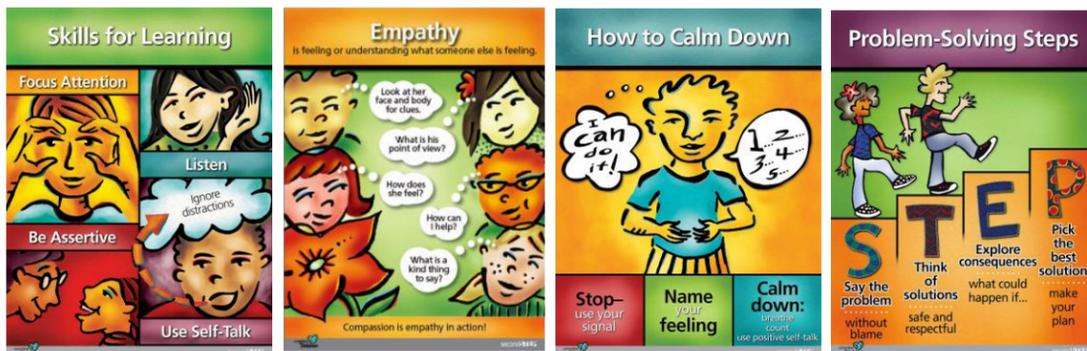
January: Dr. Martin Luther King Jr., Polar Animals, New Year's Traditions, The Science of Sound

February: Dental Health Month, American Symbols, Presidents' Day, Black History Month

March: Read Across America Day, Spring Babies, St. Patrick's Day/Ireland Habitats

April: Earth Day, Endangered Animals, Plants, Life Cycle

May/June: Insects, Summer Safety, Sharks, Summer Sky



Social & Emotional:

Second Step Social- Emotional Learning is research-based, teacher-informed, and classroom-tested to promote the social-emotional development, safety, self- regulation, and well-being of children.

UNIT 1: *Skills for Learning*

- Learning to Listen
- Focusing Attention
- Following Directions
- Self-Talk for Staying on Task
- Being Assertive

UNIT 2: *Empathy*

- Feelings
- More Feelings
- Identifying Anger
- Same or Different?
- Accidents
- Caring and Helping

UNIT 3: *Emotion Management*

- We Feel Feelings in Our Bodies
- Managing Frustration
- Calming Down Strong Feelings
- Handling Waiting
- Managing Anger
- Managing Disappointment
- Handling Being Knocked Down

UNIT 4: *Problem Solving*

- Solving Problems
- Inviting to Play
- Fair Ways to Play
- Having Fun with Friends
- Handling Having Things Taken Away
- Handling Name-Calling
- Reviewing *Second Step* Skills