



**Shamong Township School District
Indian Mills Elementary School
First Grade Curriculum Outline**

The Shamong Township School District Curriculum is aligned to the appropriate NJ CCCS and Common Core Standards.

Language Arts	Math	
<p>Text: <i>Wilson-Fundations</i></p> <p>Wilson Foundations addresses skills such as print knowledge, alphabet awareness, phonological and phonemic awareness, as well as decoding, encoding, letter formation and vocabulary. The program is multisensory and focuses on hand-on learning with active participation by students, including the use of manipulatives, student notebooks, word, sound and syllable cards and owl puppets.</p> <p>Fundations targets several different fundamental areas of reading:</p> <ul style="list-style-type: none"> • <i>Phonemic awareness:</i> • <i>Drilling</i> • <i>Fluency</i> • <i>Vocabulary</i> • <i>Spelling</i> • <i>Comprehension strategies</i> • <i>Emphasizing lower case letters</i> 	<p>Text: <i>Math in Focus</i>, Marshall Cavendish International (Singapore), distributed in the US by HMH Publishing Co. (2009)</p> <p>Topics:</p> <ul style="list-style-type: none"> • Numbers and Operations: concrete and pictorial number comparisons to 100 • Place Value: models and charts • Money: identify and relate coin values; add and subtract using decimal point • Whole Number Computation: addition and subtraction with/without regrouping; real-world problem solving; number sentences • Mental Math: estimation and computation • Algebra: patterns; associative and commutative properties • Geometry: dimensional shapes, positional words, congruence and symmetry • Measurement: time, length, distance, weight/mass, and capacity/volume • Data Analysis: collect and organize data in multiple ways, including bar graphs • Problem Solving: solve real-world problems using math functions 	
<p>Writing</p> <p>Overview: The Write Steps program is used to teach a variety of genres:</p> <ul style="list-style-type: none"> • Getting ready to write • Narrative writing • Informative writing • Opinion writing • Research writing <p>Reading</p> <p>Topics:</p> <ul style="list-style-type: none"> • Managing the Reader's Workshop 	<th data-bbox="834 1486 1385 1560">Social Studies</th> <p>Text: <i>Harcourt</i></p> <p>Topics:</p> <ul style="list-style-type: none"> • Rules and Laws - Rules and laws guide people to live safely and be responsible citizens. • Where People Live - People live in many different locations. Where people live affects the way they live. • We Love Our Country - We learn about our country through its symbols, heroes, 	Social Studies

- Using Strategies to Figure Out Words
- Reader's Think About Books
- Strategies for Nonfiction Reading
- Author Study
- Poetry
- Literary Elements and Techniques
- Guided reading

Science

Text: *Houghton Mifflin*

Topics:

Weather

- Explore the characteristics of weather and the seasons.
- Learn about tools that measure temperature, rain, and wind.
- Clouds
- Water cycle

Animals

- Explore ecosystems, animal parts, animal classifications, and life cycles.
- Living and nonliving things
- Food produces energy

Forces and Motions

- Investigate forces, machines, and factors that affect speed.
- Forms of energy – potential and kinetic

Sky

- Investigate the Sun, stars, planets, and the Moon.
- Investigate what causes day and night on Earth.

Matter

- Solids, liquids, gases
- Properties of matter
- Physical and chemical changes

Spanish

- Greetings
- Asking/Telling Names
- Numbers 1-40
- Colors
- Commands
- Classroom objects
- Animals
- Happy Birthday, Merry Christmas
- Parts of the body
- Days of the week

and holidays.

- Our Changing World - In many ways, people today are the same as people who lived long ago. But the way people live has changed over time.
- Meeting People – Although Americans may have come from different backgrounds, they share some beliefs.
- The Marketplace - People trade goods and services with each other. They make choices about how to spend their money.

Physical Education/Health

Topics:

- Large Group Activities
- Lead-up Games to Kickball, Crab Soccer
- Skills: Kicking, Rolling, Throwing and Catching, Striking, Jump Activities, Tag games
- Dance
- Gross Motor Movements/Locomotor
- Manipulatives/Nonlocomotor
- Lion's Quest – Health for 4-5 weeks-
Healthy Habits
-Medicines (OTC & Rx Drugs)
-Tobacco
-Safety at Home & School
-Personal Health, Manners, Family

Music

Topics: Skills and Concepts

- Sing: "Kid Sound"
- Play: un-pitched percussion, large percussion, Orff instruments
- Move and Dance: body percussion, circle dance, line dance, planned and improvised movement
- Listen: listening examples include singing, instrumental pieces
- Create: vocal sounds, body movement, rhythmic patterns, instrumental sounds
- Read and Write Music: pre-notation, rhythmic notation
- Rhythm: steady beat, rhythm, long and short sounds, quarter note, quarter rest, two eighth notes, meter in 2, meter in 3
- Melody: high and low sounds, upward and downward, pitch syllables
- Harmony: simple bordun on bar instruments
- Tone Color: vocal and instrumental

- Weather
- Adjectives and Verbs
- Feelings
- Foods

- Dynamics: loud, soft, getting louder, getting softer
- Tempo: fast, slow, getting faster, getting slower

Computers/Technology

Art

Topics:

- Understand and apply a basic working art vocabulary
- Understand and apply “The Elements of Art” and “The Principals of Design”
- Respond visually and aesthetically to artwork, nature, events, and objects in the environment
- Develop fine and gross motor skills that demonstrate the ability to use the elements of art
- Explore and apply graphic arts and artistic crafts
- Encourage creative thinking
- Identify styles of art while implementing art history
- Identify and critique specific artists throughout art history
- Recognize artistic mood
- Exhibit proper etiquette and behavior in the art room

Topics:

Applications

- Type to Learn Jr – introduction to keyboarding
- Kid Pix – graphics and basic word processing
- Max Write – word processing that works in conjunction with Microsoft Word
- Internet Explorer – web browser
- Moodle – Modular Object Oriented Dynamic Learning Environment

Skills and Concepts

- Basic technology vocabulary
- Introduce District Acceptable Use Policy
- Use basic features of an operating systems
- Produce a simple finished document using word processing software
- Use basic computer icons
- Internet access
- On-line library resources
- Discuss and practice online safety.

Library

Topics:

- Library Skills – Locating Books, Parts of a Book
- Alexandria – materials located by use of this computer automation program
- Storytelling
- Author Studies
- Award Books – Caldecott, Newberry and other medals
- Exposure to Various Writing Genres - Fiction (science, historical, realistic), Fantasy, Mystery, Nonfiction (informational, bibliography, autobiography), Poetry, Fairy Tales
- Holidays and Habitats Around the World

Grade 1

