

Mosinee School District  
**Parents' Guide to Fourth Grade**  
This year your child will learn to:

2014-15

**Traits Exhibited by Many Ten-to Twelve- Year Olds**

*All children develop differently but you may notice the following traits as your child attends Fourth, Fifth, or Sixth Grade.*

- ◆ Want to be together in groups and teams
- ◆ Have the patience to work toward short-term goals
- ◆ Form cliques and friendships with own sex and age group
- ◆ Seek status through excellence in skills and knowledge of grown-up things
- ◆ Are fairly competitive in team and individual activities
- ◆ Have a growing concern with their physical size and appearance
- ◆ Like to make, do and collect things
- ◆ Boys and girls can work and socialize in programs where they share planning responsibilities
- ◆ Enjoy being mischievous and daring

**Grade 4 Teachers:**

- Ann Bechle
- Sue Graf
- Erin Simons
- Larissa Smith
- Tricia Splinter
- Krista Tretter
- Amber Garbe: Reading Coordinator
- Kathy Brandon: GT Support
- Bob Cummings: Art
- Julie Soczka: Music
- Jessica Novitzke: PE
- Laurie Agema, Sandra Wurdeman: Library/Media
- Megan Pehler, Sandra Lewens, Jim Lietz, Jody Merchant, Tiffany Tanck: Special Education

**Art**

- Use materials purposefully and safely
- Understand color, texture, shape, space, form, and line as elements of art

- Express self through 2D and 3D art media
- Reflect on works of art in the world today and in history
- Express ideas and preferences in a respectful way
- Introduce the concept of an art critique

**Language Arts/Reading**

- Use language to convey appropriate messages
- Listen when others are speaking
- Contribute ideas to discussions and support opinions
- Follow written and verbal directions
- Read books for information and enjoyment
- Read with fluency and self-correct decoding errors using phonics and context
- Use phonics, syllabication patterns, roots/affixes, to read unfamiliar words
- Use context, story structure, and prior knowledge to read and understand texts
- fiction and non-fiction
- Understand non-fiction structure including chronological, cause/effect, problem/solution, comparison
- Read different genre: poems, drama, prose, narrative, non-fiction
- Understand and identify non-fiction author's intent and supporting evidence
- Write stories, letters, poetry, or react to reading
- Write opinions and informative pieces using purpose/topic sentence and provide reasoned support
- Orally summarize and compare fiction and non-fiction that is about the same topic
- Recognize slang and formal usage of language in written and spoken communication
- Use punctuation marks correctly
- Know and use pronouns, nouns, verbs, adjectives,

- adverbs, prepositions, and conjunctions correctly
- Recognize that words can have different contextual meanings
- Write complete sentences using simple, compound, and complex forms
- Spell correctly using knowledge of phonics, syllabication, and patterns
- Convey meaning through appropriate word choice
- Understand figurative and literal usage
- Research topics of interest
- Use the writing process to plan and create written work
- Increase written and spoken vocabulary

**Mathematics**

- Use problem-solving strategies
- Understand and communicate mathematical ideas (plus, minus, equals, less than, greater than, multiply, divide)
- Explain in writing mathematical processes or reasoning
- Understand and calculate using place value
- Read, understand, and solve multi-step word problems using whole numbers
- Estimate and round numbers
- Understand and find factor pairs for whole numbers 1-100
- Generate generalizations and patterns based on a rule
- Add and subtract multi-digit whole numbers fluently
- Multiply two two-digit numbers
- Divide whole numbers finding whole number quotients and remainders
- Know multiplication and division facts and tables
- Use symbols to stand for less than, greater than, equal to
- Add and subtract fractions with like denominators
- Add and subtract mixed numbers
- Multiply fractions including fractions and whole numbers

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- Learn how fractions can be represented as decimals
- Determine perimeter and area
- Understand and use basic units and processes of measurement (rulers, thermometers, scales, clocks, volume measures, etc)
- Estimate measurements
- Make graphs to represent data
- Understand monetary value and calculate using decimals
- Recognize two- and three-dimensional figures
- Understand angles (acute and obtuse) and measure angles
- Be able to manipulate geometric shapes

**Music**

- Sing with expression
- Sing a variety of melodies
- Hear and duplicate rhythms
- Sing simple harmonies
- Create accompaniments on classroom instruments
- Play treble clef melodies on recorders
- Identify instrument by sound
- Recognize basic music symbols
- Create melodies in treble clef with proper note values
- Sing using syllables (do, re, me, fa, sol, la)
- Identify musical forms
- Listen respectfully to others' performances

**Physical Education**

- Demonstrate and apply a variety of motor skills
- Demonstrate eye-hand coordination
- Understand and display sportsmanship
- Use feedback to improve performance
- Give feedback to others
- Understand rules of various team and individual sports
- Understand the relationship between physical activity and good health
- Understand the social contributions of physical activity (respect, cooperation, teamwork)
- Engage in activities that increase respiration and heart rate

- Engage in activities that develop flexibility, muscular strength and endurance
- Set goals for personal fitness
- Apply safety procedures

**Science**

- Observe events and create hypotheses
- Create tables and graphs to record and communicate scientific data
- Use simple science equipment
- Plan and conduct simple science experiments and communicate results
- Understand climate, geography, and topography
- Understand how the Great Lakes were formed
- Learn about the glacier and its effects today
- Learn that organisms adapt to survive
- Understand how animals may become endangered or extinct
- Understand environmental stewardship
- Understand the concept of energy both kinetic and potential
- Understand that energy cannot be seen but the results can
- Understand simple machines and their uses
- Understand how technology is used in daily life and in people's careers

**Social Studies**

- Understand that people are alike and different in many ways
- Use latitude and longitude to find places on maps and globes
- Identify directions on a map
- Read and interpret charts and graphs
- Construct a timeline
- Learn about the five regions of the United States
- Understand the geographic, ethnic, economic, natural resource, and cultural differences of the United States

- Use maps and globes to locate settings of stories or discussions
- Learn about Wisconsin and US regional history
- Understand the role of Native Americans in US history
- Understand that the US is a multi-cultural nation
- Learn how the state government is organized
- Learn about state citizenship, responsibilities, and privileges
- Understand that the US economy is based upon natural resources and its people

**Information and Technology**

- Use computers to practice math and reading skills
- Understand basic computer functions and terms
- Produce word processing documents
- Search the internet for encyclopedia and other reference materials
- Use effective research strategies
- Open and run a software program
- Utilize text editing and formatting features
- Incorporate graphics or pictures into a word processing document
- Understand that information is organized in the library in a logical manner
- Choose appropriate library materials using online library catalog
- Care properly for library materials and equipment
- Learn to assess one's own progress and quality of work
- Work with a group to complete a project

**Self-Directed Learning**

- Follow school and classroom rules
- Show respect for adults and peers
- Work to solve own problems
- Work cooperatively with others
- Work independently to a greater degree through the school year
- Use time productively
- Make plans and organize before working
- Work quietly when directed
- Complete work in a timely manner
- Evaluate own work