

Science & Technology

Force and Motion

Students summarize how various forces affect the motion of objects.

Heredity and Genetics

Students describe characteristics of organisms, and the reasons why organisms differ from or are similar to their parents.

Scientific Inquiry

Students plan, conduct, analyze data from, and communicate results of investigations, including fair tests.

Social Studies

Civics and Government

- Understands roots of democracy, specifically the U.S. Constitution
- Identifies the characteristics of the branches of government

Geography

- Identifies landforms of the U.S. and knows the location and capitals of each state

History

- Demonstrates an understanding of selected themes in U.S. history, specifically the formation of our government, westward expansion, and the Civil War
- Demonstrates an understanding of the cause and effect of major events in history

Physical Education

- Participates in physical activities to introduce the health-related fitness components of flexibility, cardiovascular endurance, muscular endurance, and muscular strength
- Demonstrates responsible personal behavior and responsible social behavior in physical activity settings

Music

- Communicates original ideas and feelings, and understands concepts taught
- Demonstrates an understanding of musical concepts and skills

Visual Arts

- Uses materials and tools skillfully
- Communicates ideas and feelings
- Applies elements of art

Standardized Assessments

- **Aimsweb** for math fluency is given in September, January, and May.
- **NWEA** in reading and math is given in the fall and spring.
- **MEA** in ELA, math, and science is given in the spring.
- Samples of student **writing** are scored in the fall, winter, and spring.
- Teachers use the data collected to plan for student instructional needs.

Skills for Life

- Listens and follows directions
- Stays on task and uses time efficiently
- Completes work/homework
- Follows school and classroom rules
- Demonstrates self-control in structured situations (classroom and groups)
- Demonstrates self-control in unstructured situations (recess, lunch, bus)
- Solves problems appropriately
- Works well in groups
- Uses good organizational skills

Code of Conduct

Courage, Compassion, Respect, Responsibility, Honesty

Be kind every day by being tolerant of people's choices.



A Parent's Guide to Grade Five



Gorham Public Schools

Dear Parents,

This brochure has **bold** headings in each subject area that match report card categories. **Bulleted** items show specific skills students will learn at this grade level. The bulleted items are end of year expectations.

"Recognizing the Potential
In Each Child"

English Language Arts

Reading Comprehension

- Quotes accurately from a text when explaining or drawing inferences
- Determines theme or main idea; summarizes the text; and compares and contrasts two or more characters or events drawing on specific details from a text

Reading Foundations

- Knows and applies grade-level phonics and word analysis in decoding words
- Reads with sufficient accuracy and fluency to support comprehension

Reading Interpretation

- Compares and contrasts the overall structure of two or more texts; determines word meaning, including metaphors and similes; and the points of view of multiple accounts of the same event
- Compares and contrasts stories in the same genre; integrates information from several texts on the same topic; and draws on information from multiple print and digital sources

Speaking and Listening Discussion/Presentation

- Engages effectively in a range of collaborative grade-level conversations; summarizes information presented; and explains how claims are supported
- Reports on a topic or presents an opinion with relevant details in an organized and clear manner
- When appropriate, includes multimedia components
- Adapts speech according to context

English Language Arts (continued)

Writing

- Clearly introduces the topic or text; states an opinion; creates an organized structure in which ideas are logically grouped; provides reasons that are supported by facts using linking words and phrases; and provides a concluding statement related to the opinion presented
- Writes grade-level appropriate informative texts to examine a topic and convey ideas clearly and narratives to develop real or imagined experiences using effective technique, descriptive details, and clear event sequences
- Produces clear, coherent writing, organized and developed to suit task, purpose, and audience; collaborates with peers on the writing process; and uses Internet and keyboarding skills to produce and publish writing
- Demonstrates grade-level spelling, grammar, and punctuation
- Conducts short research projects; gathers evidence from print and digital sources; paraphrases information in notes; and provides a list of sources



Mathematics

Number & Quantity: Number & Operations in Base Ten

- Understands the place value system
- Performs operations with multi-digit whole numbers and with decimals to hundredths

Number & Quantity: Number & Operations in Base Ten-Fractions

- Uses equivalent fractions as a strategy to add and subtract fractions
- Applies and extends previous understandings of multiplication and division to multiply and divide fractions

Algebra: Operations and Algebraic Thinking

- Writes and interprets numerical expressions
- Analyzes patterns and relationships

Statistics & Probability: Measurement & Data

- Converts like measurement units within a given measurement system
- Represents and interprets data
- Geometric measurement: understands concepts of volume and relates volume to multiplication and to addition

Geometry

- Graphs points on a coordinate plane to solve real-world and mathematical problems
- Classifies two-dimensional figures into categories based on their properties