



Hartland School

Grade 2 Curriculum at a Glance

Our curriculum is designed to **Educate for Excellence** as we *inspire* & *guide* students to:

- Be responsible and respectful community members
 - Demonstrate initiative, perseverance and flexibility
- Be curious and value risk taking as part of the learning process
- Access and analyze information, ask questions and formulate opinions
 - Communicate effectively and efficiently

Fundations (Phonics and Spelling)

Throughout the year, students will learn to apply different phonics skills using the Foundations Program. They will distinguish long and short vowels in one syllable words and learn about common vowel teams. Instruction will focus on decoding regularly spelled two-syllable words with long vowels and words with common prefixes and suffixes. Later in the year, students will identify words with inconsistent but common spellings and begin to generalize learned spelling patterns when writing words. They will begin to consult reference materials, including beginning dictionaries. Instruction will also focus on spelling grade level high frequency words and irregular words.

PATTERNS of WONDER (Grammar)

Throughout the year, students will solidify the skill of printing all upper and lowercase letters. Instruction will focus on using collective nouns, forming and using irregular plural nouns, and reflexive pronouns. Students will learn to form and use the past tense of frequently occurring irregular verbs. Instruction will also focus on using adjectives and adverbs and choosing between them depending on what is to be modified. Students will begin to produce, expand, and rearrange complete simple and compound sentences. They will learn to capitalize holidays, product names, and geographic locations. Lastly, they will learn to use a comma in greetings and closing of letters and use apostrophes to form contractions and frequently occurring possessives.

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Reading Units of Study

Becoming a Big Kid Reader	Becoming Experts	Tackling Longer Words and Longer Books	Stepping into the World Of Story	Growing Knowledge Together
In this unit, students will learn that reading is thinking before, during and after reading. They will be introduced to a variety of reading strategies to use as they develop their literacy skills. They will learn to think independently as well as talk to partners to grow ideas and become independent problem solvers.	In this unit, students will practice the strategies used in nonfiction reading. Students will focus their attention on growing knowledge as they pay attention to details and question texts. They will tackle the tricky word work and vocabulary development of nonfiction reading. Students will grow their knowledge across texts as they read topic sets of text, comparing, contrasting and connection information.	In this unit, students will review and enhance their skills in phonics. They will add to their already learned strategies for solving multisyllabic words. Students will also develop more strategies to determine the meaning of these new complex words. Students will be encouraged to monitor, predict and synthesize as they read. Fluent and accurate reading will be a focus throughout this unit.	In this unit, students will think about the incredible power that reading has to take us on adventures. Students will select a genre of interest. They will become active readers as they jot down, draw or share their reactions with their partner as they read. Students will study characters more closely and conversations will grow deeper. Students will be taught explicitly how they can read, think, prepare and talk when they are reading their books.	In this unit, students will talk with others in their book club to learn more as nonfiction readers. They will collaborate around a text set to build knowledge on new topics of interest. Students will bring key vocabulary they have acquired by doing wide reading about a topic to both their talk and to each text they read. Finally, as students learn more about a topic they will revise their thinking based on this new information.

Writing Units of Study

Lessons from the Masters	How-To Nonfiction Writing	Writing About Reading	Gripping Stories	Writing Research Based Nonfiction
In this unit, students will learn the expectations and routines of the second grade writer's workshop. They will grow their skill in the conventions of writing and their ability to communicate as members of a community. Throughout the unit, students will add to their repertoire, learning ways that authors draw on their senses to describe what they see, feel, and hear to make readers feel like they are in the story.	In this unit, students will teach others about areas of personal expertise. Students are encouraged to write across many books. Students will have opportunities to practice generating ideas, planning, organizing and revising. Students will write nonfiction chapter books, building in sophistication as they write with purpose as books are angled toward the information a specific audience would want to know.	In this unit, students will learn to write about books that persuade others to love them as much as they do. Students will form opinions about the books they read, thinking deeply about characters. Students will learn to state clear opinions and support these ideas with evidence from the text. Students are expected to "write opinion pieces that follow a structure that supports the reader in understanding the piece."	In this unit, second grade writers get to build upon the skills they have developed for writing narratives. Instead of having to write about small moments that have happened in their lives, children are able to invent their own fictional characters and tell realistic fiction stories about them. This unit has a big focus on drawing out the action and stretching out their stories.	In this unit, second grade writers will be invited to become researchers, learning through study and note-taking, through gathering facts and growing ideas about a topic of interest. They will use all they know about the features of nonfiction as well as the ways nonfiction can be organized to create their own nonfiction text.

Mathematics

Adding, Subtracting, and Working with Data	Add and Subtract within 100	Measuring Length	Addition and Subtraction on the Number Line	Numbers to 1000	Geometry, Time, and Money	Adding and Subtracting within 1000	Equal Groups
In this unit, students represent and solve story problems within 20 through the context of picture and bar graphs. Students build toward fluency with addition and subtraction.	In this unit, students add and subtract within 100 using strategies based on place value, properties of operation, and the relationship between addition and subtraction.	In this unit, students measure and estimate lengths in standard units and solve measurement story problems within 100.	In this unit, students learn about the structure of a number line and use it to represent numbers within 100. They relate addition and subtraction to length and represent the operations on the number line.	In this unit, students extend place value understanding to three digit numbers.	In this unit, students reason with shapes and their attributes. They relate halves, fourths and skip count by 5's to tell time, and solve story problems involving the values of coins and dollars.	In this unit, students use place value understanding, the relationship between addition and subtraction, and properties of operations to add and subtract within 1000.	In this unit, students work with equal groups of objects to gain foundations for multiplication.

Science Units of Study

Animal Adventures	Plant Adventures	Work of Water	Material Magic
In this unit, students begin to develop an understanding of the world's animal biodiversity. They explore animal classification and the traits that define each group. Students then turn their focus to habitats and how the surrounding environment affects what organisms live in a particular environment.	In this unit, students continue to explore the needs of plants through hands-on investigations. They explore why and how plants disperse their seeds, what those seeds need in order to grow, and what the adult plants need in order to survive and thrive.	In this unit, students explore how water shapes the Earth's surface. Students construct and use models of mountains to demonstrate that water flows downhill and transforms huge rocks into tiny grains of sand. Students construct and use model hills to determine the causes of erosion, and design solutions to problems caused by erosion.	In this unit, students explore the properties of materials and matter! They describe and classify different types of materials by properties. They investigate how those properties are useful in meeting basic human needs. They also investigate how heating and cooling affect the properties of materials.

Social Studies Units of Study

Foundations	Government	Civics	Geography	Economics
In this short introductory unit, students are introduced to the foundational concepts of sources, time words, and timelines.	In this unit, students learn about communities and their responsibilities. Students learn about rules, laws, and principles of democracy. They learn about the foundational documents of the country. They also study about the purpose, levels, and structure of governments and how they meet the needs of the citizens.	In this unit, students learn about what it means to be a U.S. citizen. They learn about the characteristics of responsible citizenship and how people can demonstrate patriotism. Students also study symbols, individuals, and events that represent the United States.	In this unit, students learn about maps and use them to locate places and features. They will learn to use tools to read a map. Students will learn about human characteristics and interactions with the environment and then identify a problem and make a plan to fix it.	In this unit, students learn about economic principles. They study needs and wants and how we use resources to meet these needs and wants. They will study about jobs and money. Students will learn about producers and consumers, trade, supply and demand, and surplus and scarcity.

