



Hartland School

Grade 3 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 units students will identify and know the meaning of common prefixes and derivational suffixes. They will learn to decode words with common latin suffixes along with multi syllable words. Further, students will use conventional spelling for high frequency and other studied words and while adding suffixes to base words. They will learn to look for and use syllable patterns, ending rules, and position based spellings when writing words. Students will be introduced to cursive handwriting and will learn to write all uppercase and lowercase letters.

PATTERNS of Power (Grammar)

Throughout the year, students will solidify their skills with capitalization and punctuation. Students will work to explain the function of nouns, pronouns, verbs, adjectives and adverbs in a sentence. Through explicit instruction, students will be able to form and use regular and irregular plural nouns, irregular verbs and simple verb tenses. By the end of third grade, students will learn to capitalize appropriate words in title, use commas in addresses, use commas and quotation marks in dialogue and form and use possessives.

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Reading Units of Study				
Building a Reading Life	Reading to Learn	Mystery Foundational Skills in Disguise	Character Studies	Research Clubs
In this unit, students will learn to take ownership of their own personal reading lives. They will acquire a deep understanding of themselves as readers and create a social life that revolves around shared books. Students will become familiar with the routines and expectations of Reader's Workshop that will be followed throughout the school year and build reading stamina.	In this unit, students study nonfiction. They will be immersed in nonfiction reading; reading for fluency and learning to make mental summaries. These summaries will contain the big ideas and supporting information they take away from the books as they read. They will progress further into the study of word structure with a focus on advanced spelling rules and morphology. Students will compare texts and think critically about what they are learning.	In this unit, students will increase their reading volume and stamina. Students will receive specific instruction around reading fluency and speed while they continue to develop their abilities to handle increasingly complex texts. Students will learn to compare and contrast themes, settings, and plots of stories written by the same author or characters. As students read mysteries, they will develop a sense for how this kind of text tends to go and make connections.	In this unit, students continue to develop narrative reading skills. They will analyze characters and try to understand what motivates them. They will study the big lessons characters are learning and look closely at how these lessons are a part of the theme or message of the story. Students will increase fluency, develop their vocabulary, and the application of strategies for understanding text which are necessary for the successful development of reading comprehension.	In this unit, students will form clubs and study a topic with their research club. Club members will read subtopics independently and pull what they are learning together, organizing and synthesizing all their new knowledge. Students will use all that they know and understand about their research topics to solve real-world problems.

Writing Units of Study				
Crafting True Stories	Information Writing	Persuasive Speeches	Mini Literary Essay	Writing About Research
In this unit, students will make discoveries about what third-grade writing looks like by examining actual examples of writer's notebooks. As students learn ways to generate personal narratives they will set individual writing goals. Students will use dialogue and descriptions of actions, thoughts and feelings to develop experiences and events or show the response of characters to situations.	In this unit, students will write texts that aim to teach others about topics on which the students have expertise. They will be positioned to write with authority, for real audiences when they teach their topics to others. Students will also learn how to heavily rely on structure to craft a powerful expository piece. Students will go through the revision process to strengthen their writing.	In this unit, students will rally together to support bold and brave opinions as they write persuasive speeches. Students will learn that persuasive writers look at their world and imagine how it could be better to grow ideas for possible writing projects. They'll see problems that need to be addressed and imagine solutions, then write persuasive speeches. They will write a speech, revise it, and deliver it to an audience.	In this unit, students will learn to write an essay that states a strong opinion about a text and support it clearly with evidence from the text. Students will spend time writing narratives to develop real or imagined experiences or events using techniques learned from mentor texts, giving descriptive details and following a clear sequence of events.	In this unit, students will research a topic and write about it, teaching all they know to the reader. They will study mentor texts and emulate the techniques that published authors employ. Students will prepare for publication with a focus on being aware of one's audience.

Mathematics

Introducing Multiplication	Area and Multiplication	Addition & Subtraction Within 1000	Relating Multiplication to Division	Fractions as Numbers	Measuring Length, Time, Liquid Volume, and Weight	Two Dimensional Shapes and Perimeter
In this unit, students solve and represent multiplication problems through the context of picture and bar graphs that represent categorical data.	In this unit, students learn about area concepts and relate area to multiplication and to addition.	In this unit, students use place value understanding to round whole numbers and add and subtract within 1000. They represent and solve two step word problems using addition, subtraction, and multiplication and assess the reasonableness of answers.	In this unit, students learn about and use the relationship between multiplication and division, place value understanding, and the properties of operations to multiply and divide whole numbers within 100. They also represent and solve two step word problems using the four operations.	In this unit, students develop an understanding of fractions as numbers and of fraction equivalence by representing fractions on diagrams and number lines, generating equivalent fractions, and comparing fractions.	In this unit, students generate and represent length measurement data in halves and fourths of an inch on line plots. They learn about and estimate relative units of measure including weight, liquid volume, and time, and use the four operations to solve problems involving measurement.	In this unit, students reason about shapes and their attributes, with a focus on quadrilaterals. They solve problems involving the perimeter and area of shapes.

Science Units of Study

Animals Through Time	Power of Flowers	Stormy Skies	Invisible Forces
In this unit, students develop an understanding of how animals and their environments change through time. Fossils provide a window into the animals and habitats of the past. Analyzing the traits of animals provides evidence for how those traits vary, how they are inherited, and how they have changed over time. Students also examine how the environment can affect inherited traits and determine which animals will survive in a particular environment.	In this unit, students discover how plants reproduce by exploring the process of pollination and fruiting. They also investigate how plant traits are inherited from parent plants, and how favorable plant traits can be enhanced by humans via artificial selection.	In this unit, students investigate and make predictions about the weather through careful observation of the clouds and wind. Students also learn to differentiate between weather and climate and use models to reveal global climate patterns.	In this unit, students explore the forces all around them. They investigate the effects of balanced and unbalanced forces, the pushes and pulls of bridge structures, and the effects of friction on the motion of objects. Students also explore the power of magnetic forces and investigate firsthand how these forces can be used to help us in our everyday lives.

Social Studies Units of Study

Inquiry	Civics and Government	Geography	History
In this short unit, the idea of inquiry is introduced as a tool for learning. The steps to inquiry are introduced. Students will practice each step and conclude with an inquiry of their own.	The purpose of this unit is to engage students in learning about their community, government, and their role as citizens of this community. Students will learn more about the purpose, types, and structure of government. Students will also examine the important documents of the United States	This unit will introduce students to geographical concepts such as maps, map tools, physical and human characteristics of places, regions, and migration.	In this unit, students develop an understanding of how indigenous people have affected the history and culture of Connecticut. Students also learn the history of Connecticut towns, landmarks, and geographical features which have been named after indigenous people.

