

Grade 4 Competencies

English Language Arts	Mathematics
<ul style="list-style-type: none"> ★ Uses grade-appropriate word analysis skills to decode and comprehend unfamiliar words ★ Reads grade level text fluently and accurately ★ Reads and makes meaning of increasingly complex literature ★ Explains how plot, character and setting contribute to text structure ★ Demonstrates comprehension of literature by citing evidence from the text ★ Reads and makes meaning of increasingly complex informational texts ★ Cites evidence from text when responding to informational text ★ Composes argumentative writing with supporting reasons and information ★ Composes informative writing with a clear focus and supporting details ★ Composes written narrative using descriptive details and clear event sequence ★ Engages in collaborative discussions building on others' ideas and expressing their own clearly ★ Applies grade level phonics/spelling conventions in writing ★ Applies conventions of grade-level English grammar in writing ★ Conducts short research projects and uses the tools of technology to collaborate, produce and publish 	<ul style="list-style-type: none"> ★ Solves multi-step word problems involving the four operations ★ Finds factors and multiples of whole numbers ★ Rounds whole numbers to any given place value within 1,000,000 ★ Applies properties and strategies to multiply by single-digit numbers and illustrates or explains calculation ★ Applies properties and strategies to multiply multi-digit whole numbers and illustrates or explains calculation ★ Applies properties and strategies to divide by single-digit whole numbers and illustrates or explains calculation ★ Compares fractions ★ Adds and subtracts like fractions and mixed numbers ★ Multiplies a fraction by a whole number ★ Generates and explains equivalent fractions ★ Reads, writes and compares numbers in decimal and fractional forms ★ Converts units of measure ★ Solves problems involving area, perimeter, measurement, and conversion of measurements ★ Makes a line plot and interprets data ★ Identifies, draws and classifies lines and angles ★ Multiplies a fraction by a whole number ★ Reads, writes and compares multi-digit numbers based on place value ★ Solves multi-step word problems involving the four operations ★ Constructs viable arguments to support their own reasoning and to critique the reasoning of others.

Science	Social Studies
<ul style="list-style-type: none"> ★ Employs the engineering design process: Ask - Imagine - Plan - Create - Improve ★ Recognizes patterns to make predictions related to wavelength, rock formations, earth's features ★ Explains the cause and effect relationships of light reflection, erosion, and energy in the environment ★ Provides evidence that energy can be transferred by sound, light, heat, and electric currents ★ Provides evidence about an organism's survival or performance 	<ul style="list-style-type: none"> ★ Explains ways citizens participate to improve and solve problems in their classroom and/or school ★ Recognizes and describes the need for rules, laws and government and identifies the responsibilities of citizens at the state level ★ Describes resources that are used to produce goods and services in different regions of the United States ★ Explains how geographic features influence life in New Hampshire and the United States ★ Identifies and explores groups of people who have affected life in New Hampshire and the United States ★ Develops and presents research-based projects using information from a provided source

Art	<ul style="list-style-type: none"> ● Explores and invents art-making techniques and approaches ● Revises artwork based on peer feedback ● Applies one set of criteria to evaluate more than one work of art ● Demonstrate quality craftsmanship through care for and use of materials, tools, and equipment
Music	<ul style="list-style-type: none"> ● Improvises melodic, rhythmic and harmonic ideas within specific guidelines ● Creates rhythmic, melodic, and accompanying patterns within specific guidelines ● Documents rhythmic, melodic and simple harmonic musical ideas within specific guidelines ● Shares and explains personal musical ideas and creations ● Performs music with expression, technical accuracy and appropriate interpretation ● Evaluates and explains music using appropriate musical vocabulary
Health	<ul style="list-style-type: none"> ● Understands concepts related to health promotion and disease prevention to enhance health
Physical Education	<ul style="list-style-type: none"> ● Works safely with peers and equipment in physical activity settings ● Applies locomotor and manipulative skills into small sided games ● Identifies components of health related fitness