

Pelham Elementary School Curriculum Description		
Grade 4	Math	The fourth grade math curriculum is designed to enhance problem solving and reasoning skills using grade level math vocabulary. The curriculum includes place value, number theories and the operations of addition, subtraction, multiplication and division with and without regrouping. It also covers comparing, ordering and rounding of whole numbers and money, geometry and measurement, and fractions. The students learn to collect, record, interpret, predict and construct different types of graphs.
	Science	The fourth grade science curriculum is divided into four groups of Life Science, Earth/Space Science, Physical Science and Technology. All the units are based on the science standards and are designed for the students to acquire knowledge, concepts, skills and processes within each category. The fourth graders will be learning about human habitats and changes, water cycle and weather, electricity and magnetism, as well as conducting experiments to enhance these lessons.
	Reading Language Arts/Writing	The fourth grade English language arts curriculum is a combination of reading, writing, speaking, listening and viewing through a balanced literacy program which includes the study of literature and application of language arts. The writing program addresses consistency within the development of the writing skills and processes.
	Social Studies	The fourth grade social studies curriculum focuses mainly on New Hampshire education and addresses acquiring the knowledge, concepts, skills and processes of civics and government, economics, geography and history as aligned with the state standards.
	Art	Students will keep a portfolio in this grade level. Students will learn about one point perspective, and shading techniques will be taught. Clay and clay terminology will also be introduced in this grade level. Students will also reinforce their previous knowledge about the elements of design in art and use that in their art.
	Music	The fourth grade music program expands their knowledge of music genres. Students will study jazz, classical and rock 'n roll music. A combined unit with the PE classes will also show the connection between music and movement with a recycled instrument unit. World drumming is also a core unit in fourth grade. Students will learn to play the tubanos, claves, cowbell and many more instruments with songs from Africa, South American and the Caribbean. Fourth grade also starts the band program. Students wishing to participate in the band program get a small group lesson once every six days on their instrument.
	Physical Education	In the fourth grade more informative discussions are had about muscles and why the games are played and how they help us. An appreciation for physical activity and the importance of health habits is stressed. Individual differences and talents are used to help

		illustrate that even with differences there are still ways to incorporate everyone and that we can all enjoy a healthy life together.
	Enrichment	The main focus of the fourth grade enrichment program is the Brain Unit. Students learn about the theory of multiple intelligences. They participate in activities to determine their strengths (“smarts”). They develop their logical thinking abilities through the use of logic elimination grids and Sudoku puzzles. Students learn visual imagery as a memory technique which enables them to learn the states and capitals as well as the names of the first 43 presidents of the United States.
	Technology	Fourth graders will be focusing on key boarding, word processing, integrating graphs into word documents and power point presentations this year. They will be learning to use digital cameras and adding photographs to their documents as well.
	Traditions	Field Trip – A tradition for the fourth grade students is to visit the State House in Concord, NH each year. This visit correlates with the unit on Government in New Hampshire. The students go on a guided tour which includes the House of Representatives and Senators. They will also tour the Governor’s office and often get to visit with him too.