

Social Studies

The students in fourth grade explore the history and geography of New Jersey as a paradigm for understanding how the United States grew as a nation, from the era of early exploration through modern times. After completing units on the topography of our state, students learn about the indigenous populations of New Jersey, reasons and routes of early explorers and the establishment of colonies and government by the people in America. Throughout the year, current events and noteworthy calendar based lessons are woven into daily instruction. Students use New Jersey Studies Weekly, as a resource for informational text about topics of study. Classroom lessons are supplemented by other text and digital sources and project based learning experiences that engage students in their study of the founding principles of our country and the integral role New Jersey has placed in its growth.



Science

In Science, students delve deeply into two units of study. Fourth grades investigate principles of astronomy through their exploration of the universe, galaxies and solar systems. Through various in-class and lab experiences, students also investigate planetary dimensions and scale, the lunar calendar and acquire a basic understanding of the structure of the solar system including our moon, the planets and constellations. They learn about recent advances in space exploration to gain appreciation of the contributions of space research on our understanding of the universe. They also become acquainted with various tools used in space exploration.

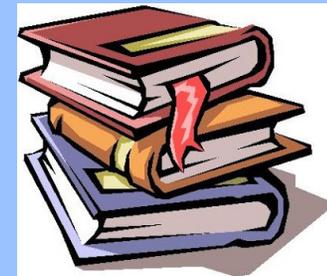
In their in depth study of energy, they acquire an appreciation for how energy is transferred, the role of energy in all planetary motion and systems and the basics of electromagnetic radiation via magnets and electromagnets.

YBH of Passaic
270 Passaic Avenue
Passaic, New Jersey
07055

ישיבת בית הלל

YBH
OF PASSAIC

Fourth Grade
General Studies
Curriculum





Literacy

In literacy, students continue to read increasingly more complex texts that reflect multiple genres, including narrative and informational text, poetry, historical fiction and fantasy. Students read for specific purposes and use textual evidence to support opinions and conclusions.

In the area of writing, students are engaged in several meaningful writing opportunities, including the authorship of an original book that is "published" and shared with peers and parents, informational writing that includes multiple paragraphs, a personal narrative and friendly letter.

Students are taught how to self and peer edit their writing and are encouraged to elaborate with descriptive details when appropriate. The fourth grade core curriculum is implemented using the anchor program, **Reading Street** which includes selections from the Student Anthology, Leveled Readers for guided reading groups and 1-2 classroom novels, that may include: Number the Stars and Cricket in Times Square.

Overview

The fourth grade at YBH builds on the foundational skills acquired during the early elementary years and supports students as they take on more ownership and responsibility for their learning. Students enter fourth grade having internalized the rhythms and expectations of upper elementary school children. They manage and organize their materials with some adult guidance and support and transition between activities with more autonomy. Students in fourth grade continue to develop the study skills of an efficient and productive learner by learning how to manage their time both in school and at home, how to study for assessments and take notes during instruction. Students also continue to learn how to navigate peer relationships both in the classroom and beyond. With guidance and support from adults, students learn to problem solve more independently when faced with challenge.

Mathematics

Math goals in fourth grade focus on deeper understanding and fluency of multi digit multiplication, finding quotients involving multi digit dividends, developing an understanding of equivalence of fractions, addition, subtraction and multiplication of fractions, and classification of geometric figures by their properties. Students in fourth grade are expected to solve problems and reason abstractly. The core program in fourth grade is **Go Math** which requires students to delve into these concepts in depth. Students represent key concepts using a variety of models and acquire a repertoire of strategies to gain mastery of skills.