

# UNDER THE SCOPE

## PROJECTS>

## HIGHLIGHTS

Students will receive a Syllabus for each core content area; Math, Science, ELA/SS. Students will follow their pacing guide throughout the quarter as they master their standards/benchmarks identified for their grade level. Once students master a concept they are able to continue working and complete the quarterly units of studies with a Capstone Project. Once completed their project will then display their knowledge gained throughout the quarter. Students will be provided guidance and class time to complete their projects. These projects are to be completed in class only; not for homework.

Students in grades K-5 will begin their year learning about the Nature of Science. They will then move quickly into Physical Science units of study...

- Grade 5 will Properties of Matter and Changes in Matter, as well as Forces and Changes in Motion.
- Grade 3 & 4 will cover Properties of Matter, Changes in Matter, Forms of Energy, and Energy Transformations appropriate lessons based on their grade level.

## SCIENCE

- Grade 2 will cover Earth Systems and Patterns, and Organization and Development of Living Organisms.
- Grade 1 will cover Properties of Matter, Motion of Objects, and Forces and Changes in Motion.
- Grade K will cover Our Five Senses, and Organization & Development of Living Organisms.

## MATH

- 5th Grade Students will understand Place value, Decimals with addition and subtraction, and understanding Multiplication with Decimals.
- 4th Grade Students will understand Place value with Numbers to One Million, Multiplying by 1-Digit Numbers, and Multiplying Greater Numbers.
- 3rd Grade Students will understand Multiplication and Division of Whole Numbers, using patterns for Foundational

Multiplication Facts, and Using Multiplication to Divide.

- 2nd Grade Students will understand Adding and Subtracting with Facts to 20, working with Equal Groups, and Adding with Sums to 100.
- 1st Grade Students will understand Addition & Subtraction, Subtracting with Facts to 10, and Adding with Facts to 20.
- Kinder Students will understand using Numbers 0-10 to Count objects, Sequence, represent a number of objects within a written numeral, and Comparing Numbers 0 to 10.

## ENGLISH/HISTORY

- Students in Kinder thru 5th Grade will work to increase their skills with Information Text, Reading Prose and Poetry, Comparing Texts, Paraphrasing and Summarizing text, and the use of Figurative Language.
- Students will also work on developing and continuing to work on their handwriting proficiency and writing

various pieces to inform, entertain, and using opinion and argumentative writing to persuade an audience.

- Students will work on increasing vocabulary, phonological awareness (K-2 will have a heavier emphasis placed on phonics)
- SS will be embedded into their reading lessons, and during Quarter 1 will focus on learning about "What is Social Studies" and "Citizenship- What does it mean to be a good citizen?"