

# 8th Explorers Essential Standards

## ELA

- \*Students will be able to determine the central idea of different types of text.
- \*Students will be able to determine whether evidence is relevant or irrelevant to the central idea.
- \*Students will be able to infer the author's meaning when reading.
- \*Students will be able to determine the meaning of unfamiliar words and phrases by utilizing context clues.
- \*Students will be able to support their ideas with relevant evidence in writing.

## Math

- I can identify, solve for, and graph slope and y-intercept from a table, 2 points, and graph.
- I can apply and solve for the unknown side lengths of a triangle using Pythagorean Theorem.
- I can construct a linear function.
- I can compare linear functions represented in various forms.
- I can solve linear equations and inequalities.

## Science

- I can analyze and interpret data.
- I can develop and use models.
- I can obtain, evaluate, and communicate data.

## Social Studies

Identify causes and effects of an event.

Draw a conclusion based on evidence, making a claim, and supporting it with evidence.

Demonstrate the ability to read, interpret and analyze a primary source.

## Pathways

### Critical Thinking

Students will be able to develop and apply critical thinking skills to analyze, evaluate, and communicate information effectively.

### Communication

Students will be able to develop and apply effective communication skills across various contexts to enhance understanding.

### Collaboration

Students will be able to develop and demonstrate effective collaboration skills to work successfully with others in various settings.

### Creativity

Students will develop and express creativity through a variety of modes and personal choices, demonstrating originality, and exploration.