

# ELA Essential Standards

*Students will be able to:*

- comprehend the central idea of a text at the eighth grade level**
- determine the meaning of unknown words using context clues strategies**
- make inferences while reading when an idea is not directly stated**
- make arguments in writing using relevant evidence which supports their ideas**
- make arguments while speaking using relevant evidence which supports their ideas**

# Math Essential Standards

**Operations with Integers**

**Solving 2 Step Equations**

**Pythagorean Theorem - Solving for Unknown Side**

**$y=mx+b$  : Identify & Graph - Slope & Y-Intercept**

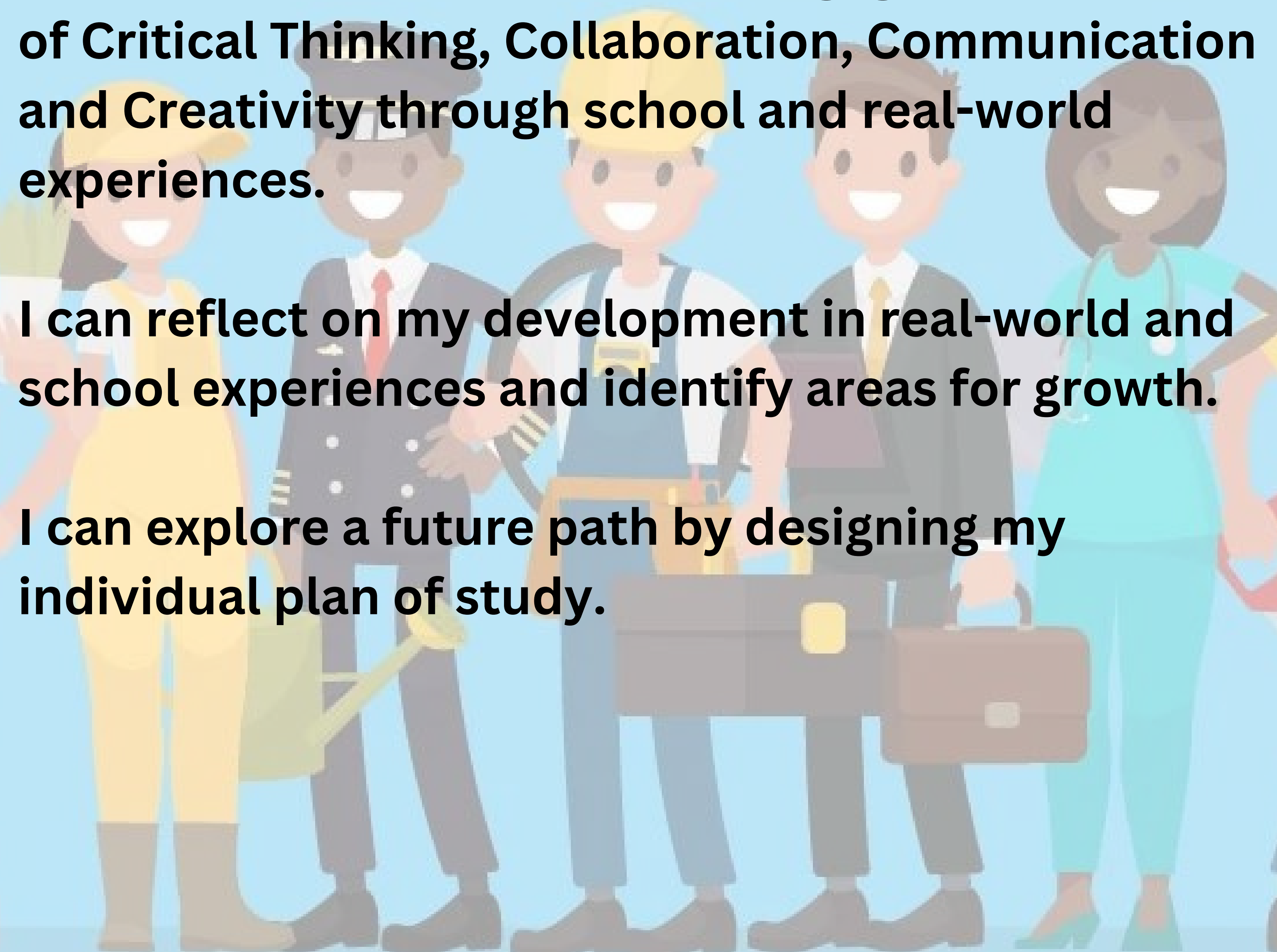
**$y=mx+b$  : Solve for Slope from Points (table, 2 points, graph)**

# Pathways Essential Standards

**I can develop, implement and engage in the areas of Critical Thinking, Collaboration, Communication and Creativity through school and real-world experiences.**

**I can reflect on my development in real-world and school experiences and identify areas for growth.**

**I can explore a future path by designing my individual plan of study.**





# Science Essential Standards

Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)

Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.

Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.

# **Social Studies**

## **Essential Standards**

**Choices have consequences.**

**Individuals have rights and responsibilities.**

**Societies are shaped by the identities, beliefs, and practices of individuals and groups.**

**Societies experience continuity and change over time.**