

Why?**Essential Questions**

1. Why are equations and inequalities useful?
2. Why are functions and relations represented in multiple ways?

Enduring Understanding

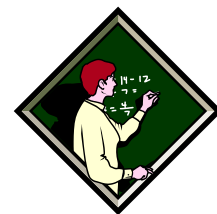
Functions and their representations are used to model real-world relationships.

Expectation

Model and interpret real-world situations using the language of mathematics and appropriate technology.

MCPS Indicators and Standards**What?**

- 1.2.1 determine the equation for a line, solve linear equations, and /or describe the solutions using numbers, symbols, and/or graphs.
 - 1.2.1.a solve an equation for a specified variable.
- 1.2.4 describe how the graphical model of a non-linear function represents a given problem and estimate the solution.

**Algebra**