

# CC - Common Core State Standards

{MA.9-12.HSA-CED.1} Create equations and inequalities in one variable and use them to solve problems.

{MA.9-12.HSA-REI.1} Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.

{MA.9-12.HSA-SSE.1.a} Interpret parts of an expression, such as terms, factors, and coefficients.

{MA.9-12.HSA-REI.3} Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters.

# NJCCCS - New Jersey Core Curriculum Content Standards

{MA.12.4.3.12 D.2.4} All types of equations and inequalities using graphing, computer, and graphing calculator techniques

{MA.12.4.3.12 C.1.4} Expressions, equations and inequalities

{MA.12.4.3.12 D.2.1} Linear equations and inequalities - algebraically

{MA.12.4.3.12 B.1} Understand relations and functions and select, convert flexibly among, and use various representations for them, including equations or inequalities, tables, and graphs

## Route 21 Standards:

### Learning and Innovation Skills

#### Critical Thinking & Problem Solving

##### *Reason Effectively*

- Use various types of reasoning (inductive, deductive, etc.) as appropriate to the situation

##### *Make Judgments and Decisions*

- Effectively analyze and evaluate evidence, arguments, claims and beliefs
- Analyze and evaluate major alternative points of view
- Synthesize and make connections between information and arguments
- Interpret information and draw conclusions based on the best analysis

#### Communication & Collaboration

##### *Communicate Clearly*

- Use communication for a range of purposes (e.g. to inform, instruct, motivate and persuade)

## Information, Media and Technology Skills

### Information Literacy

#### *Use and Manage Information*

- Use information accurately and creatively for the issue or problem at hand

### ICT (Information, Communications & Technology) Literacy

#### *Apply Technology Effectively*

- Use technology as a tool to research, organize, evaluate and communicate information

## **NETS-S Standards:**

### 6. Technology Operations and Concepts

Students demonstrate a sound understanding of technology concepts, systems, and operations.

- a. Understand and use technology systems