

# UNITS DESIGN FRAMEWORK

## PART I: UNIT OVERVIEW

5/17/2013 10:25:56 AM

<b>Content</b>	Algebra I
<b>Grade Level</b>	
<b>Power Standard/CCSS Power Standard</b>	A2A
<b>Suggested Length of Unit</b>	3 weeks

<b>Reference Deconstruction Document and Power Standard/CCSS Power Standard</b>	A.CED.1 A.RE1.3	CCSS
---	--------------------	------

<b>Unwrapped Concept:</b> Solve multi-step linear equations Manipulate literal equations Solve equations involving ratios, proportions, and percents	<b>Key Vocabulary:</b> Inverse operation, linear	<b>Depth of Knowledge (DOK)</b> 3
---	---	--------------------------------------

<b>Supporting Standards (current and CCSS):</b> NQ1 8.NS.78	<b>Other Vocabulary Terms:</b> Variable coefficient ration, proportion, percent
--	--

<b>Reference to Power Standard Assessment:</b> Paste the link to the appropriate power standard assessment in this box.	Alg 1 PS 3
---	---------------

## PART II: LEARNING PROGRESSIONS

### Directions:

1. Copy the unwrapped power standard concepts, vocabulary, and DOK into the frames provided below.
2. Brainstorm three to five possible performance tasks that incorporate these concepts, skills, and levels of rigor.
3. Write a synopsis for each selected task and list the tasks in a “learning progressions” sequence. Bold those concepts and skills that are directly represented in the tasks.

### Learning Progressions:

#### **Task 1:**

Solve 1 step linear equations using inverse operations

#### **Task 2:**

Solve 2 step linear equations using inverse operations or combining like terms.

#### **Task 3:**

Solve multi-step equations using inverse operations and combining like terms.

#### **Task 4:**

Solve equations using ratio, proportions, and percent's.