

## “Unwrapping” Content Standard

**Grade Level and Content Area** 9th; Linear Inequalities

**Standard(s) and Indicators (Listed by Number Only):**

2.3a

**Concepts: Need to Know About Linear Inequalities**

**Linear Inequalities**

- Properties
- Graph

**Skills: Be able to Do**

- Solve a linear inequality
  - by graphing or properties of inequality
- Distinguish between greater than, less than or greater/less than or equal to

**Topics or context: (What you will use to teach concepts and skills-particular unit, lessons, activities)**

Variety of problems using project-based learning, applets, podcasts, calculators and manipulative

**Big Idea(s)**

- Expressions can be less than, greater than or equal to another expression
  - *Student Language:* Things are not always equal
- There can be more than one solution to a problem
  - *Student Language:* Problems can have more than one solution
- Inequalities can be illustrated in one or two dimension
  - *Student Language:* Inequalities can be on a number line or coordinate plane

**Essential Question(s)**

- What is a linear inequality?
- How many solutions are there to a problem?
- How can inequalities be illustrated?