

Algebra II Curriculum Map
2013-2014

**Focus Topic 4 – Absolute Value and Compound Inequalities
(3 Weeks)**

D.1.a – Solve linear inequalities containing absolute value.

Learning Target(s):

- I can solve linear inequalities containing absolute value.

D.1.b – Solve compound inequalities containing “and” and “or” and graph the solution set.

Learning Target(s):

- I can solve compound inequalities containing “and” and graph the solution set.
- I can solve compound inequalities containing “or” and graph the solution set.

Vocabulary: linear inequalities, absolute value, compound inequalities, solution set

Instructional Resources:

- Formative Assessment Lessons for Mathematics: <http://map.mathshell.org/materials/lessons.php>
- Formative Assessment Tasks for Mathematics: <http://map.mathshell.org/materials/tasks.php>
- Illustrative Mathematics: <http://www.illustrativemathematics.org/standards/k8>
- NCTM Illuminations: <http://illuminations.nctm.org/>
- PARCC: <http://www.parcconline.org/mcf/mathematics/parcc-model-content-frameworks-browser>
- Inside Mathematics: <http://insidemathematics.org/index.php/mathematical-content-standards>
- New York State: <http://www.engageny.org/mathematics>
- Lessons from *Algebra 2 Connections*: 5.1.1 – 5.2.1 (D.1.a, D.1.b)
- Lessons from *Algebra 2 Connections*: 7.1.3 – 7.1.4 (D.1.c)
- Checkpoints from *Algebra 2 Connections*: Number 16 (D.1.a, D.1.b)
- Checkpoints from *Algebra 2 Connections*: Number 18 (D.1.c)

Assessment Notes:

- The Focus Topic will have 3 multiple choice questions and 1 extended response on the proficiency assessment.