

Teacher Resource Page

Algebra I Learning Contract: Term 1- “Solving Linear Equations” Unit

Based On: Glencoe Mathematics: Algebra I

Essential Curriculum Indicators

MA.ALG.10.10 Solve equations in one variable

Teacher Directions for Implementing Learning Contract

- 1) Pre-assess students on indicators for the “Solving Linear Equations” Unit.
- 2) Identify and document students who have demonstrated “mastery” on each indicator/section. Recommendation: Mastery = 85%.
- 3) Copy and prepare a contract for each compacted student. On learning activities chart, indicate section(s) where the student has demonstrated mastery. Reminder: Compacted students will be excused from large group instruction for these sections. During this time, students will complete the alternative learning activities as indicated in the chart.
- 4) Based on the areas of student mastery, prepare copies of enrichment materials from the Glencoe teacher resource kits.
- 5) Since compacted students have demonstrated mastery on specific indicators, they should be excused from the class work and homework related to teacher-directed instruction on those indicators. Instead, grades for compacted students should be based on the alternative learning activities.

Management Tips

- Store worksheets and/or stapled packets in labeled folders for each section.
- Copy on cardstock and/or laminate the worksheets that may be reused.
- The Science and Math Labs require the preparation of materials and workspace. Consider recruiting a resource teacher, mentor or other responsible volunteer to work with compacted students for these investigations.