



Secondary Course Syllabus Template

Course Overview:

Course Title:	Pre-Algebra (7, 8 or high school)
Program Area:	Math
Grade Level:	Middle School or High School
Credit:	None (middle school), 1.0 (high school)
Pre-requisite:	completion of 7 th grade level course work
Course Description:	

Pre-Algebra in the Mead School District is an entry-level Algebra course designed to develop skills and problem-solving practice involving:

- *rational numbers and integers (fractions/decimals/percents and inequalities)
- *patterns/graphs/tables
- *equation and inequality solving (single and multiple (step)
- *probability (*and* and *or*)
- *geometry (2 and 3-dimensional figures, angles. Pythagorean Theorem)
- *linear equations

Course Requisites:

Essential Content, Processes and Skills:

Students will be able to understand and apply concepts and procedures (numbers below reference State EARLs and GLEs) from :

- *number sense. (1.1)
- *measurement. (1.2)
- *geometric sense. (1.3)
- *probability and statistics. (1.4)
- *algebraic sense. (1.5)

Students will be asked to investigate situations (2.1), define problems (2.2), construct solutions (2.3) analyze information (3.1), make predictions, inferences, and conjectures (3.2), draw conclusions and verify results (3.3) during problem solving. They will be asked to gather information (4.1), organize, represent, and share information (4.2), and relate concepts and