

STRAND	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will ...	# OF DAYS NEEDED FOR MASTERY	DATES TAUGHT	DATE ASSESSED	ASSESSMENT TYPE (classroom, STAR, objective, subjective, project, etc.)	RESOURCES (Materials, web sites, auto-visual, print)	LEARNING ACTIVITIES
MA 12.1	12.1.1 Students will represent and show relationships among real numbers	Compare the relationships between subsets of real numbers.	2-3	Aug.	Aug.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.3	12.3.2 Students will model and analyze quantitative relationships. 12.3.3 Students will represent and solve equations and inequalities.	Solve and apply linear equations and inequalities.	8-10	Aug.- Early Sept.	Mid-Sept.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review

Public Schools

Subject area, grade/course

MA 12.3	12.3.2 Students will model and analyze quantitative relationships. 12.3.3 Students will represent and solve equations and inequalities	Write and graph linear equations and inequalities.	12-14	Mid-Late Sept.	Late Sept.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.3	12.3.2 Students will model and analyze quantitative relationships.	Model direct, inverse, and joint variation.	7-8	Early Oct.	Early Oct.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.3	12.3.3 Students will represent and solve equations and inequalities	Solve linear systems algebraically, by graphing and by applying matrix operations.	8-10	Oct.-Nov	Mid-Nov.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review

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MA 12.3	12.3.3 Students will represent and solve equations and inequalities	Solve quadratic functions by graphing, factoring, completing the square, finding square roots, and by applying the quadratic formula.	14-16	Nov-Dec.	Mid-Dec.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.1	12.1.1 Students will represent and show relationships among real numbers	Perform operations on complex numbers.	6-8	Nov-Dec	Mid-Dec.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.3	12.3.2 Students will model and analyze quantitative relationships.	Perform operations on and analyze graphs of polynomial functions.	6-8	Jan-Feb.	Early Feb.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.1	12.1.1 Students will represent and show relationships among real numbers.	Apply properties of rational exponents.	10-14	Feb.-March	Early March	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review

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MA 12.3	12.3.3 Students will represent and solve equations and inequalities	Express equivalent forms of numbers using radicals, scientific notation, and absolute values.	6-7	Mid-March	Mid-March	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.3	12.3.3 Students will represent and solve equations and inequalities	Use inverse functions and graph square root and cube root functions.	6-8	Mid-March	March.	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.4 Data Analysis and Probab. Concepts.	12.4.3 Students will apply and analyze concepts of probability.	Apply counting methods and probability of overlapping, independent and dependent events.	10-12	Mid-Late March	Late March	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, group practice, probability activities

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MA 12.4 Data Analysis and Probab. Concepts.	12.4.1 Students will formulate a question and design a survey or an experiment in which data is collected and displayed in a variety of formats, then select and use appropriate statistical methods to analyze the data.	Find Measures of Central Tendency and Dispersion and use Normal Distributions.	6-8	Late March- Early April	Early April	classroom	McDougal- Littel Algebra 2	Direct instruction, guided practice, group practice, data collection activities.
MA 12.4 Data Analysis and Probab. Concepts.	12.4.1 and 12.4.2 Students will develop and evaluate inferences to make predictions.	Select and draw conclusions from samples and choose the best model for 2-variable data	6-8	Early AApril	Mid April	classroom	McDougal- Littel Algebra 2	Direct instruction, guided practice, group practice, data collection activities.
MA 12.3	12.3.3 Students will represent and solve equations and inequalities	Solve, graph and apply logarithmic functions.	8-10	Mid- Late April	End of April	classroom	McDougal- Littel Algebra 2	Direct instruction, guided practice, clicker review

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MA 12.3	12.3.3 Students will represent and solve equations and inequalities	Apply and graph exponential growth and decay functions.	2-3	Late April	Late April-Early May	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review
MA 12.3	12.3.3 Students will represent and solve equations and inequalities	Perform operations on rational functions.	8-10	Early –Mid-May	Mid-May	classroom	McDougal-Littel Algebra 2	Direct instruction, guided practice, clicker review