

WSD Curriculum Map Template

[Example](#)

Created 11/17/2023 Revised

Course Title <i>Clarification: This is the name of the course as it would appear in the program of studies.</i>	Algebra I					
Author	Math Department					
Statement of Outcome <i>Clarification: This is a general statement of what a student would get out of taking this class. It is what would appear as the description of your course in the program of studies.</i>	The goal of algebra I is to approach mathematics with an inquiry and problem-solving focus. Students will use their knowledge of rational numbers to make sense of exponents, graphs, and tables. They will explore the algebraic structure of the rational and real number systems.					
Unit Name & Time Frame <i>Clarification: What is the name of your unit? Approximately how long will it last?</i>	Equations in One Variable	Relations and Functions	Lines $y=mx +b$ function notation	Systems of Linear Equations	Exponential functions	Inequalities (repeat lines, systems, exponential+compound)
Topic(s) and driving question. <i>Clarification: This is stuff or “content” you will use to teach the GP indicators and GX and the questions you use to frame the big ideas.</i>	How can writing and solving equations help you solve problems in the real world?	Why are representations of relations and functions useful? What can a function tell you about the relationship that it represents?	What can a function tell you about the relationship that it represents?	How are systems of equations useful in the real world?	When and how can exponential functions represent real-world situations?	How can writing and solving inequalities help you solve problems in the real world?
GX Focus <i>Clarification: This is the GX’s you plan to pay particular attention to.</i>	Persistence Critical thinking & problem solving Effective oral and written communication Engagement in learning	Persistence	Persistence	Persistence	Persistence	Persistence
GP- Content Indicators <i>Clarification: These are the performance indicators you will teach, assess and report on.</i> Summarize, represent and interpret data on two categorical and quantitative variables Interpret linear models	HS.MR.A.2 Create Equations that describe numbers or relationships. HS.MR.A.3 Understand solving equations as a process of reasoning and explain the reasoning. HS.MR.A.4 Solve equations and inequalities in one variable	HS.MR.F. 3 Analyze functions using different representations. HS.MR.F.1 Understand the concept of a function and use function notation. HS.MR.F.2 Interpret functions that arise in applications in terms of the context.	HS.MR.A.2 Create equations that describe numbers or relationships. HS.MR.A.6 Represent and solve equations and inequalities graphically.	HS.MR.A.5 Solve systems of equations. HS.MR.A.6 Represent and solve equations and inequalities graphically.	MR.A.1 Interpret the structure of expressions. MR.A.7 Write expressions in equivalent forms to solve problems.	HS.MR.A.4 Solve equations and inequalities in one variable. HS.MR.A.6 Represent and solve equations and inequalities graphically.

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Summative Assessment Clarification: <i>This is a brief description of the task and or product you will use to assess student proficiency on the performance indicators you identified above.</i>	Unit Test	Unit Test	Unit Test	Unit Test	Unit Test	Unit Test
Link to Unit Clarification: <i>This is the link to your unit plan.</i>	Algebra Unit 1 Folder Algebra Unit 1 Slideshow	Algebra Unit 2 Folder Algebra Unit 2 Slides	Algebra Unit 3 Folder Algebra Unit 3 Slides	Algebra Unit 4 Folder Algebra Unit 4 Slides	Algebra Unit 5 Folder Algebra Unit 5 Slides	Did during the Fall of ‘23, but not since... Algebra Linear Inequalities