



Marietta City Schools
2023–2024 District Unit Planner

Grade 7 Honors Mathematics

Unit title	Unit 6: Culminating Capstone Unit	MYP year	2	Unit duration (hrs)	<i>Enter Hours</i> <i>MSGA- (5 hours per week)</i> <i>MMS- (4.5 hours per week)</i> <i>MHS- (7.5 hours per 2 weeks)</i>
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Mastering Content and Skills through INQUIRY (Establishing the purpose of the Unit): *What will students learn?*

GA DoE Standards

Standards

All standards address in the unit

7.MP: Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.

Gifted Standards

Strand 2: Creative Thinking Skills

Students will develop and utilize creative thinking through a variety of products and problem solving.

Strand 3: Higher Order Thinking and Problem Solving Skills

Students will develop and utilize critical thinking, higher order thinking, logical thinking and problem solving skills in various situations.

Strand 4: Advanced Communication and Collaboration Skills

Students will develop advanced communication and collaboration skills in working toward a common goal with shared accountability for the final outcome.

Concepts/Skills to support mastery of standards

Key concept	Related concept(s)	Global context
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Logic-A method of reasoning and a system of principles used to build arguments and reach conclusions.	Generalization, Justification, Model	Identities and Relationships
Statement of inquiry		
A logical process helps to model and generalize the natural world.		
Inquiry questions		
Conceptual — – How can I combine the knowledge and skills I learned this year to solve real-world mathematical problems?		
MYP Objectives	Assessment Tasks	
<i>What specific MYP objectives will be addressed during this unit?</i>	<i>Relationship between summative assessment task(s) and statement of inquiry:</i>	<i>List of common formative and summative assessments.</i>
N/A	N/A	<u>Formative Assessment(s):</u> N/A <u>Summative Assessment(s):</u> Grade 7 EOG
Approaches to learning (ATL)		
Category: Social Cluster: Collaboration Skills Skill Indicator: Give and receive meaningful feedback Category: Thinking Cluster: Critical Thinking, Creative Thinking & Transfer Skill Indicator: Use models and simulations to explore complex systems and issue		

<u>Learning Experiences</u> Add additional rows below as needed.		
Objective or Content	Learning Experiences	Personalized Learning and Differentiation
7.NR.1 .1 - 1.11 7.PAR.2 .1 - 7.PAR.2.2 7.PAR.3.1 8.EE.C.7.b	Solving equations Calendar Project	In this learning plan, honors students will create a calendar of equations that highlights the progression of algebraic problem-solving skills developed throughout the year. This calendar will feature one-step and two-step equations, equations involving the distributive property and combining like terms, equations with rational numbers, and equations with variables on both sides. To extend their thinking, students will also solve multi-step equations with variables on both sides that include fractions and decimals.
Content Resources		
6-11 Savvas Correlation to 2021 standards GaDoe Intervention Table of Tasks/Activities Additional Resources <ul style="list-style-type: none"> ● Savvas ● Desmos ● Hands-On Math 		