



Handbook

Enrichment is provided by the AG teacher for a minimum of 90 minutes per week in the subject of the student's eligibility.

Language Arts

Grade	Semester 1	Semester 2
3	3 rd Grade Whole Class: <i>Building Thinking Skills</i> AIG Screening and Identification	<i>Fighting Digital Fiction/ Mindset/Brain Research</i>
		<i>Explaining the Unexplainable</i> The concept of truth is explored through a comparative analysis of Greek mythology and modern science. OR <i>Arts: Wherefore Art They?</i> The concept and value of creativity and expression are explored through analyzing visual arts, music, theater, and dance. Students research issues connected to society and the arts and develop a service-learning project to address one of these issues.
Grade	Semester 1	Semester 2
4	<i>Fighting Digital Fiction</i>	<i>Fighting Digital Fiction</i>
	<i>The Power of Literate People</i> Through guided and independent research, students develop an understanding of the value of literacy to society. Students then develop and carry out a service-learning project meant to address one of the issues.	<i>The Hero Within</i> The concept and definition of a hero is developed through an analysis of fiction and non-fiction literature. This analysis includes original creative writing, Paideia seminars, and written reflection.
	Caesar's English Lesson 1-10	



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Grade	Semester 1		Semester 2
5	<i>Fighting Digital Fiction</i>	<i>Poetry Unit</i>	<i>Fighting Digital Fiction</i>
	<i>I Have a Voice</i> Students will read a variety of texts, both literary and informational, to study the concept of human rights and how their voice can make a difference. They will engage in speaking and listening skills through cooperative groups and Socratic Seminars while using facts, details and evidence from the text to support their reasoning.		<i>Let Freedom Ring</i> Through reading primary and secondary sources, historical texts, poetry, essays, and other non-fiction texts, students study the concept of freedom and those who have fought for freedom in our country. Writing tasks include poetry, reflection, and essay.
	Caesar's English Lesson 11-20		



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Mathematics

Grade	Quarter 1	Quarter 2	Quarter 3	Quarter 4
3	3 rd Grade Whole Class: <i>Building Thinking Skills</i> AIG Screening and Identification		<i>Algebra into the Unknown</i> Students learn to use variables to represent unknown numbers during <i>Algebra Into the Unknown</i> . They solve one and two-step algebraic equations using pattern blocks, dominoes, and other hands-on materials. Students also strengthen their ability to think and communicate mathematically by creating and solving their own algebraic equations.	<i>Math Quest</i> Students are introduced to problem-solving strategies as teams embark on a <i>Math Quest</i> in search of treasure. Students work both independently and collaboratively to create and solve a variety of challenging word problems. Along the way, students use and refine team decision-making skills as they encounter obstacles and opportunities.
Grade	Quarter 1	Quarter 2	Quarter 3	Quarter 4
4	<i>Math Quest</i> Students are introduced to problem-solving strategies as teams embark on a <i>Math Quest</i> in search of treasure. Students work both independently and collaboratively to create and solve a variety of challenging word problems. Along the way, students use and refine team decision-making skills as they encounter obstacles and opportunities.	<i>Picture This</i> <i>Picture This</i> invites students to think visually about mathematics. Student create visual, numerical, and algebraic representations and connect their ideas through color coding and verbal explanations. As students explore and critique different problem solving pathways, they extend and generalize their ideas through reasoning, justifying, and proving.	<i>Geometry Challenge</i> Students develop logical thinking as they tackle the Geometry Challenge, a series of geometric problem solving tasks. They apply geometry concepts to create a final product, while finding that many math problems have multiple solutions and interpretations. Students strengthen geometric understanding while increasing skill, confidence, and creativity.	<i>Ratios, Rates, and Proportions</i> In this introduction to <i>Ratios, Rates, and Proportions</i> , students deepen their understanding of fractions by connecting what they learn in math class to real world applications. Students tackle problems routinely encountered in daily life, such as comparison-shopping to make budgetary or dietary decisions and analysis of sports statistics.



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Grade	Quarter 1	Quarter 2	Quarter 3	Quarter 4
5	<p><i>Beyond Base Ten</i> Students investigate place value and number representation as they explore number systems <i>Beyond Base Ten</i>. Students deepen their understanding of our base ten number system by applying place value concepts to read and write numbers in base 5 and binary. They also compare place value systems to the non-place value system used in ancient Rome.</p>	<p><i>Stock Market</i> During the Stock Market, students study company profiles and build an imaginary stock portfolio. They buy and sell shares, determine their cash reserve, and track the value of their portfolios using real-time market prices. Students deepen their understanding of decimals while collecting and analyzing data, making predictions, and problem solving.</p>	<p><i>Piece by Piece</i> <i>Piece by Piece</i> invites students to think visually about fractions. During the unit, students create visual, numerical, and algebraic representations to explore equivalence and problem solve with fractions. As they explore and critique different problem solving pathways, students extend and generalize their ideas through reasoning, justifying, and proving.</p>	<p><i>Math Quest</i> Students are introduced to problem-solving strategies as teams embark on a <i>Math Quest</i> in search of treasure. Students work both independently and collaboratively to create and solve a variety of challenging word problems. Along the way, students use and refine team decision-making skills as they encounter obstacles and opportunities.</p>