

GIFTED EDUCATION INSTRUCTIONAL RESOURCES

MATHEMATICS		
Curriculum and Learning Strategies		
Grade	Resource	Description
2 - 5	Envision Math Enrichment Activities: Grades 2 - 6	Personalized student-centered math enrichment activities combine problem-based learning and visual learning to deepen students' conceptual understanding and introduce students to above-grade-level math concepts and curriculum
2 - 5	Groundworks Grades 2 - 6	Mathematical reasoning-based problems support above-grade-level skill development
2 - 5	Challenge Math	Instructional materials to support advanced math concept development
2 - 5	Choice Boards	Differentiated math learning opportunities selected for Intervention/Enrichment instruction and made available for early finishers
Supplemental Math Enrichment Resources		
Grade(s)	Resource	Description
2 - 5	Kahn Academy Mapper	Personalized learning generated from individual student NWEA MAP Math Instructional Area performance
2 - 5	XtraMath	Supports the development of critical thinking, computational & algebraic reasoning skills
2 - 5	Daily Word Problems	Mathematical exercise using background information presented in ordinary language rather than mathematical representation
2 - 4	Freckle Math	Continuously adapts math practice based on student performance
2 - 3	Kakooma Math	Focusing on fewer, more powerful strategies and teaching methods, and mastery of fundamental skills and concepts
2 - 3	Perplexors	Employing deductive reasoning skills to analyze information and solve problems mathematically
2 - 3	Balance Math	Sharpening critical thinking, computational & algebraic reasoning skills
4 - 5	Math Olympiad	Teaching multiple strategies for out-of-the-box problem solving to support the development of mathematical flexibility and foster mathematical creativity and ingenuity
4 - 5	IXL	Personalized skill recommendations based on a student's prior IXL practice.
2	Seesaw	Differentiated rigorous math activities with options for student to demonstrate mastery
2	Coin Clues	Logic puzzles that reinforce coin values and strengthen math skills
2	Math Path Puzzles	Encouraging students to solve math problems using a variety of operations while following a path to solve math puzzles
2	Marcy Cook Math	Encouraging the development of mental math skills, mathematical reasoning, number sense, computation, and problem-solving skills
3	Logic Links	Enhancing spatial learning and deductive reasoning skills
3	Number Junctions	Completing a structured-based math puzzle by creating sums of adjacent numbers
3	Code Breaks	Using mathematical operations to decode messages
3	Sudoku	Using logic-based combinatorial number-placement puzzle

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Supplemental Math Enrichment Resources (continued)		
Grade(s)	Resource	Description
5	Singapore Math	Intentional focus on math mastery achieved through intentional sequencing of concepts. Some of the key features of the approach include the CPA (Concrete, Pictorial, Abstract) progression, number bonds, bar modeling, and mental math.
5	Deck•Toys	Online interactive classroom program that allows teachers to engage students in 6 th grade [above-grade-level] math content.
ENGLISH LANGUAGE ARTS		
Curriculum and Learning Strategies		
Grade(s)	Resource	Description
2 - 5	Literature Circles	Small group instruction focused on selected literature designed to encourage thoughtful discussion and critical thinking skills
2 - 5	Writing Prompts	Open-ended writing prompts encourage deeper reflections and responses
2 – 5	Choice Boards	Differentiated English Language Arts learning opportunities selected for Intervention/Enrichment instruction and made available for early finishers
2 – 3	Raz-Kids	Reading program designed to accurately and reliably measure text complexity to support differentiated instruction based on Common Core State Standards (CCSS) guidelines
3 – 5	Newsela	Differentiate instruction with texts published at 5 reading levels and built-in scaffolds aligned with state ELA, Science and Social Studies Standards
4 - 5	Differentiated Spelling and Vocabulary	A focus on Prefix & Suffix and Greek & Latin Roots at grade 5
2	Close Reading Passages	Leveled Close Reading promotes careful analysis of text while building the 21st century skills of critical thinking, collaboration, and communication
2	Fluency Passages	Leveled-passages encourage the development of reading fluency to assist comprehension skills
Supplemental English Language Arts Resources		
Grade(s)	Resource	Description
2 – 4	Storyworks	High quality differentiated leveled articles and comprehension activities
2	Seesaw	Differentiated rigorous language arts activities with options for students to demonstrate mastery
2	Freckle	Individualized English Language Arts instruction
2	Link Winks	A three-clue brain teaser requiring rhymed responses
2	Word Ladders	Reinforcing letter patterns, phonics and rhyming through writing, reading and repetition.
2	Edpuzzle	Self-paced learning with interactive video lessons.
3	ReadWorks	High-quality curated nonfiction and literary passages with research-based curricular supports including formative assessments
5	StudyLadder	Online learning tool designed to enhance all learning abilities
5	Newbery Awarded Literature	Classroom literature collections include Newbery Medal books recognized as “the most distinguished contribution to American literature for children”