

## Resources for Working with Gifted Students

### **Primary Educational Thinking Skills Curriculum (PETS) – K-3**

Primary Education Thinking Skills or PETS™ is a systematized enrichment and thinking skills program. Lessons are presented in convergent analysis, divergent synthesis, visual/spatial thinking, and evaluation. The program aligns to the higher levels of Bloom's Taxonomy.

<http://www.primaryeducationthinkingskills.com/>

### **Schoolwide Enrichment Model – Reading (SEM-R) by Dr. Sally Reis – K-5**

Materials available free on University of Connecticut website

Teachers love the bookmarks to jumpstart high level book discussions – Click on Implementation Resources

<https://gifted.uconn.edu/semr-about/>

### **Jacob's Ladder Reading Comprehension Program – Grades 2-5 and beyond**

*Jacob's Ladder* targets reading comprehension skills in high ability learners. In the form of three skill ladders connected to individual readings in poetry, myths/fables, and nonfiction, students move from lower order, concrete thinking skills to higher order, critical thinking skills. For example, Ladder A moves students from Sequencing to Cause and Effect to Consequences and Implications.

<https://education.wm.edu/centers/cfge/curriculum/languagearts/materials/jacobsladders/index.php>

### **William and Mary Gifted Language Arts Curriculum – Grades 1-5 and beyond**

The *William & Mary Center for Gifted Education Language Arts* units have been aligned to national standards within each grade level as well as two to three grades above the grade level. In addition to addressing the regular language arts standards, the William & Mary language arts curricula also focus on analyzing and interpreting literature, issue-based research skills, vocabulary development and analysis, and persuasive writing.

<https://education.wm.edu/centers/cfge/curriculum/languagearts/materials/literatureunits/index.php>

### **NRICH Mathematics – Grades K-5 and beyond**

The NRICH Mathematics project aims to enrich the mathematical experiences of students through problem solving, activities, and games. Collections of mathematical activities are designed to give learners opportunities to develop mathematical curiosity, resourcefulness, resilience, and collaboration skills.

<https://nrich.maths.org/>

### **Hands on Equations – Grades 3-5**

The Hands-On Equations Learning System is a manipulatives-based instructional system for introducing algebra in grades 3 and up. The game-like, intuitive approach enhances student interest in mathematics.

<https://borenson.com/>

**thinkLaw Curriculum** – Grades K-5 and beyond

thinkLaw curriculum uses real-life legal cases in upper grades and fairy tales and nursery rhymes in lower grades as a hook to teach critical thinking to students.

<https://thinklaw.us/about-us/>

**Logic Puzzles** - Available for a wide range of abilities

Logic puzzles teach step-by-step thinking while students work toward a solution. Often, correct answers are found by the process of elimination or by working backward. These grid puzzles encourage students to apply logic and reasoning to find the answers.

<https://www.woojr.com/printable-logic-puzzles-for-kids/>

**Perplexors** - Available for a wide range of abilities

Perplexors are deductive logic puzzles. They are specifically designed to challenge and extend learning. When faced with several options, logic is often used to make a choice. Logic uses reasoning and proof to help analyze information and come to a conclusion.

<https://www.mindware.orientaltrading.com/perplexors-basic-level-a2-90445.fltr>

**Project M<sup>2</sup>:** Mentoring Young Mathematicians consists of eight supplemental units for the K-2 classroom and is designed to foster inquiry and engage students in critical thinking, problem-solving, and communication. At each level, Project M2 focuses on geometry, measurement, and number content and processes. The units support student learning by using real-world experiences to teach content and encouraging students to think and act like mathematicians.

<https://k12.kendallhunt.com/program/project-m2-mentoring-young-mathematicians-grades-k-2>

**Project M<sup>3</sup>:** Mentoring Mathematical Minds is a series of supplemental curriculum units developed to motivate and challenge mathematically talented students in grades 3-6. This NAGC award-winning program can be used with any mathematics curriculum to support and address the Common Core State Standards for Mathematical Practice. Each level of Project M3 focuses on the key mathematical content areas of number and operations, algebra, geometry and measurement, and data analysis and probability.

<https://k12.kendallhunt.com/program/project-m3-mentoring-mathematical-minds-grades-3-6>