Kennard CJA First Grade Curriculum Framework

Kennard’s curriculum framework emphasizes a conceptually challenging, in-depth, and complex content within cognitive, affective, aesthetic, social, and leadership domains as recommended by National Association of Gifted Children (NAGC) 2010 Pre-K-Grade 12 Gifted Programming Standards. Differentiation, content-based acceleration, and enrichment are interventions implemented for our high ability learners. In addition to providing project based learning experiences, Kennard’s Character Education initiative is Tiger Families. * Indicates core content accelerated by at least one grade level.

First Grade Curriculum at a Glance

*Reading:
College of William & Mary Center for Gifted Education Jacob's Ladder which targets reading comprehension skills in high ability learners

- Read and comprehend literature.
- Read and comprehend informational texts.
- Read with sufficient accuracy and fluency to support comprehension.
- Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.
- Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue.
- Participate in collaborative conversations with peers and adults in small and larger groups.
- Know and apply grade-level phonics and word analysis skills in decoding words.

*Writing:

- Tell a story or recount an experience with appropriate facts.
- Create audio recordings of stories or poems with clarifying ideas, thoughts, and feelings.
- Complete sentences when appropriate to task and situation for clarification.
- Write opinion pieces that supply reasons that support the opinion, connect opinion and reasons, and provide a concluding statement.
- Write informative/explanatory texts, narrative pieces, and friendly letters.
- Follow the writing procedure to create polished, readable writing products.

Science: Classroom science and Science Lab cover matter and energy, force and motion, living organisms, and weather and water. Students are also using inquiry-based note booking to work in conjunction with the science teacher.

*Social Studies: Classroom covers topics including community workers and buildings, Native Americans, economics, and citizenship and the contributions of famous Americans.

Technology: All classrooms use the Computer Lab to enhance student learning through technology. Students utilize the computers for researching, following the steps in the writing process, accessing hands on applications
to enrich learning such as Brain Pop, National Geographic, Raz-kids, Moby Max, and discovering education tumble books and Go Noodle.

*Mathematics*

**Operations and Algebraic Thinking:** Represent and solve problems involving addition and subtraction. Add and subtract within 100. Work with equal groups of objects to gain foundations for multiplication.

**Number and Operations in Base Ten:** Understand place value. Use place value understanding and properties of operations to add and subtract.

**Measurement and Data:** Measure and estimate lengths in standard units. Relate addition and subtraction to length. Work with time and money. Represent and interpret data.

**Geometry:** Reason with shapes and their attributes.

**Mathematical Practices:** Make sense of problems and persevere in solving them. Reason abstractly and quantitatively. Construct viable arguments and critique the reasoning of others. Modeling with mathematics. Use appropriate tools strategically. Attend to precision. Look for and make use of structure. Look for and express regularity in repeated reasoning.

**Math Addendum:**
- Add and subtract within 20
- Work with equal groups
- Add within 100 using strategies
- Add fluently within 100
- Subtract within 100 using strategies
- Time and money adding and subtracting, making change to $1.00

**Enrichment Activities for first Graders:**
- Students go on a field trip to The Magic House to experience a functioning community, playing the part of community helpers and creating maps of their community.
- Students take part in Career Day by researching careers, interviewing people in those specific careers, and create a presentation to become successful in that career.
- Students research and build Native American cultural resources such as tools, food, clothing, etc.
- Students visit another site based on class interest and research.
- **Drama Enrichment** classes teach elements of drama through games and activities. Students practice performance skills and engage in performances each year.
- **Hands-On Equations** program, which guides students through the algebraic process of solving for x.
- **Chess** lessons in the classroom provided by The Chess Club & Scholastic Center.

**A few of our accomplishments from last year:**
- Students learned addition and subtraction facts through 20 by memory.
- Students compiled writing portfolios including poems, expository, narrative, and persuasive writing.
- Students successfully researched, published, and presented their career of choice on Career Day.
- Students completed in-depth studies on aquatic habitats and sea turtles.

**First Grade Teachers: Ellen Trinity and Kristina White**
- SLPS Kennard CJA: [www.slps.org](http://www.slps.org)
- Kennard PTO: [www.kennardcja.com](http://www.kennardcja.com)