

Chino Hills Christian School

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Announcing our new...

Advanced Learning Academy

Beginning this Fall, our **1st-6th grade students** will have the opportunity to apply to our new **Advanced Learning Academy** specially designed for our intellectually gifted students!

Overview

- Rigorous, challenging, accelerated instructional opportunities
- Emphasis on **mathematics, science, and technology**
- High-quality differentiated learning in stimulating learning environments
- Hands-on, project-based learning
- Creativity and higher-level thinking skills strengthened through exploration and experimentation
- Working beyond basic mastery, developing ideas of interest through self-designed and teacher-guided projects
- Highly qualified teachers and staff members who have participated in high-quality professional experiences



Criteria

The following criteria are required in order to be considered:

- 85th national percentile (or higher) overall composite score on SATs
- 3.0 GPA (or higher)
- "A" in Work and Study Habits
- "A" in Conduct
- Teacher Referral
- Submit Application

Applications are available in the school office. Exceptions to the criteria can be considered on a case-by-case basis by administration.

Schedule & Fee

Months: October-May • Days: Monday-Thursday
Time: 2:15pm-4:15pm • Fee: \$1200/year (\$150/mo)

**I-20 Students
may apply!**



Sample Curriculum *(subject to change)*

GRADES 1ST-3RD

Quarter 1	Quarter 2	Quarter 3	Quarter 4
<p>Interesting Investigations</p> <p>Students will work with a variety of hands-on materials to sort and classify, estimate, graph, and develop logical thinking skills. They will explore the concepts of probability and statistics. Students will be led on a variety of adventures that combine math with literature, art and writing.</p>	<p>On Sandy Shores</p> <p>Students will explore the sandy shores, one of the most fascinating ecosystems of our planet. Using a wide variety of learning formats, students will explore and deepen their understanding of many aspects of the sandy shores, from the grains of sand themselves, to the characteristics of plants, animals, and more complex biological and ecological interactions.</p>	<p>Graphs R Us</p> <p>Students will manipulate data, and read and interpret graphs. This includes collecting and organizing information, creating graphs, and comparing types of graphs. Students will use graphs to explore and communicate information. They will create and examine graphs to hypothesize about what the data could represent.</p>	<p>Group Solutions</p> <p>In small learning groups, students will participate in highly involved, cooperative logic activities to work and solve problems together. Each student receives a clue to a problem and must share the information with all other group members to find the solution. The entire group is responsible for resolving the problem, and the solution can only be discovered by connecting all the clues. Students will build valuable skills in communication, role-playing, and creative and logical thinking.</p>

GRADES 4TH-6TH

Quarter 1	Quarter 2	Quarter 3	Quarter 4
<p>What Are the Chances?</p> <p>Students will engage in active mathematics situations that are fun and exciting, and allow them to further develop mathematics literacy, especially relating to statistics, graphing, and probability.</p>	<p>CSI: Using Science to Solve a Mystery</p> <p>Mystery and science are combined in a highly exciting, engaging and educational experience. Students will be detectives, conducting many hands-on forensic science tests on evidence found at a “crime scene.” The mystery is layered in complexity. As it progresses, the students are forced to change their minds many times, use a multitude of critical thinking skills, and directly experience both real life application of science and the joys of scientific exploration.</p>	<p>News Update...This Just In...</p> <p>After conducting research on the large number of engineering, scientific, architectural, and artistic contributions of the ancient Egyptians, students will share their findings by producing a TV news broadcast presentation.</p> <p>OR</p> <p>On the Information Highway</p> <p>Students will analyze eight real-life scenarios, identify the problem in each, seek solutions using Internet resources, and create resolutions. Each problem scenario presented has more than one possible solution; students will initiate the same decision-making process as real-life problems, while elevating their computer literacy skills.</p>	<p>Secret Formulas</p> <p>Students will investigate the properties of substances as they make their own personal brands of paste, toothpaste, cola, and ice cream. The activities are designed to convey key science and mathematical skills and concepts, provide highly motivating real-life experiences with chemistry, and build student understanding of cause and effect found in experimentation.</p>