

Math Academic Workshops

When: **August 5-7, 2024**

Where: **Sequitur Classical Academy (Church of the King, 2037 Quail Dr.)**

Instructors: **Paula Haley and Angie Torregrossa**

Cost per participant: **\$75**

Registration Deadline: **July 31, 2024**

Precalculus Readiness Workshop will be from 8:30 – 10:00 taught by Paula Haley. This workshop will focus on the fundamentals of rules of exponents and rules of logs. Polynomial factoring, rationalizing expressions, and completing the square will be reviewed. The quadratic formula, functions, domain and range, and trigonometry ratios will be revisited for competency. **TI-84 calculator required.**

Geometry Readiness Workshop will be from 10:05 – 11:20 taught by Paula Haley. This workshop will equip the student entering Geometry to build logic by working with conditional statements and polynomial equations. Geometry concepts such as graphing lines, angles, and triangles will be reviewed. The student will gain an understanding of how graphing lines is impacted by slope, domain, and range. We will also consider Algebra 1 concepts such as order of operations for solving equations, rules of exponents, binomial multiplication, and factoring. **Casio fx-115ES calculator required.**

Algebra 2 Readiness Workshop will be from 11:30 – 12:45 taught by Paula Haley. This workshop will equip the student entering Algebra 2 to handle the fundamentals of advanced problem-solving. Algebra 1 concepts such as factoring, radicals, order of operations, rules of exponents, and factoring will be reviewed. We will build upon their critical thinking skills to understand the broader world of mathematics as it applies to “real world” situations.

Pre-Algebra Readiness Workshop will be from 8:45 – 10:00 taught by Angie Torregrossa. This workshop is designed to prepare incoming Pre-Algebra students to handle place value, fractions, and decimal calculations. Arithmetic vocabulary will be explored along with foundational order of operations and word problem skills. Basic geometry concepts will be reviewed to prepare this student to succeed in upper-level mathematics.

Algebra 1 Readiness Workshop will be from 10:05 – 11:20 taught by Angie Torregrossa. This workshop will help the student entering Algebra 1 become competent in handling integers, ratios, and fractions. We will review expressions and equations with variables, including order of operations, combining “like” terms, and distribution. Students will gain a deeper understanding of the coordinate plane, analyzing graphs, and working challenging word problems.

Space is limited! To register, please email phaley@sequiturbr.com . Full payment of \$75.00 (Venmo @Paula-Haley-3) is due no later than Wednesday, July 31, 2024. Let me know if you need another means to make payment.