

## **6TH GRADE ADVANCED MATH QUALIFICATIONS**

Grade 6 advanced math students review the sixth curriculum and also study the seventh grade math curriculum, which includes Pre-Algebra. The concepts studied are: the real number system, rational number operations, algebraic expressions, algebraic equations and inequalities, ratio, rates, and unit rates, percent, direct and indirect proportion, angle properties and straight lines, volume and surface area of solids, statistics, and probability. Students in this class learn math at a faster pace and on a deeper level.

### **Prequalification Requirement for Testing into Advanced Math**

If a student receives a 90th percentile or above on the iREADY test, then the student is **invited** to qualify for the 6th grade advanced math class. That is, the student will then take the CoGat Test and **must receive** a score of 123 or above.

### **Enrollment in Advanced Math**

In order to be **enrolled** in 6th Grade Advanced Math the following requirements must be satisfied, **no exceptions will be made**.

- *iREADY percentile of 90 or above*

**AND**

- *CoGAT Quantitative and Composite Score of 123*  
(This test consists of nine 10-minute tests covering verbal, quantitative, and non-verbal skills. The questions show how well students use their reasoning skills to solve problems they have not been directly taught. This test is given in the spring.)

Students accepted into the Advanced Mathematics Program may remain through Grade 8 provided they maintain a minimum “B” average in mathematics and continue to meet program expectations.