

Springboro Intermediate Program of Studies Information 2009-2010

Criteria for Enriched Curriculum

Students with a qualifying gifted Terra Nova score of 95-99 in that subject area on the most recent test will automatically be placed into the enriched course in that subject.

Students earning 70-100 points (60-70 points for 6th grade Science and Social Studies since a recent OAT score is not available) on the Enriched Criteria Formula will be placed in the enriched course for the subject areas in which they qualify.

Enriched Criteria Formula:

Terra Nova (most recent) + OAT (previous year) + Class Grade (3 Quarters)

95-99: 50 points Advanced: 30 points 90-100: 20 points 92-94: 40 points Accelerated: 20 points 80-89: 10 points 89-91: 30 points Proficient: 10 points 86-88: 20 points 83-85: 10 points

When 5th grade OAT scores become available in July or August, the principal can recalculate the formula for students who did not qualify for enriched classes to determine if additional students now qualify for enriched courses. These students will be scheduled in enriched courses if space remains at the discretion of the building principal.

Once a student is scheduled into an enriched class, they will continue to be scheduled into enriched classes for that subject area in subsequent years unless withdrawal is approved by an administrator.

Students not qualifying for an enriched course can be re-evaluated in subsequent years.

Mathematics Placement

For math, the district math placement assessment given in fifth grade will determine which level of enriched math course the student will enter in sixth grade. **The student first must meet the criteria for enriched curriculum.** The placement assessment will determine which enriched math course is most appropriate for the student, either Mathematics Blue or Pre-Algebra.

Students scoring 70 or above on the Enriched Criteria Formula will be scheduled

into Mathematics Blue or above depending upon their scores on the District 5th Grade Mathematics Placement Assessment.

Students scoring 69 or below on the Enriched Criteria Formula who are not identified as gifted in mathematics will be placed into Mathematics White.

All identified gifted fifth grade students (those scoring a 95-99 on the most recent Terra Nova) in mathematics will be placed in Mathematics Blue or above depending upon their scores on the District 5th Grade Mathematics Placement Assessment.

District 5th Grade Mathematics Placement Assessment:

The District 5th Grade Mathematics Placement Assessment has 45 questions. The first 15 questions address the 6th grade math academic content standards. The next 15 questions address the 7th grade math academic content standards. The final 15 questions address the 8th grade and Pre-Algebra academic content standards. The following scores will determine placement:

70 or above on Enriched Criteria Formula OR Identified Gifted in Math AND:

10-15 on 1st fifteen questions- Mathematics Blue 10-15 on 1st and 2nd fifteen questions- students will take the Orleans-Hannah Algebra Exam to consider placement into Pre-Algebra. 10-15 on all three sections- students will take the Orleans- Hannah Algebra Exam to consider placement into Algebra.

Sixth Grade Mathematics Program

The mathematics courses offered at Springboro Intermediate are designed so that all students will be in mathematics courses appropriate to their ability. Concepts and algorithms learned at the elementary level will be refined to lead to higher level mathematics. For example, a student may know how to perform and explain a task with an Everyday Mathematics technique. This understanding will be used to introduce a more traditional method which may be more efficient. Efficient mathematical computation skills will be required for upper level mathematics like Pre-Calculus.

Mathematics White: Follows the regular sixth grade Ohio academic content standards and indicators for mathematics.

Mathematics Blue: Is an accelerated math program that reviews the sixth grade content and meets the seventh grade Ohio content standards and indicators for mathematics.

Pre-Algebra: Students that demonstrate firm understanding of the sixth and seventh grade math concepts will begin preparations for algebra (the regular eighth grade curriculum). Some review of 6th and 7th grade mathematics may be necessary.

CP Algebra 1: This course is the first year of high school math and will earn high school credit.

Sixth Grade Science Program

As our society becomes more scientifically and technologically advanced, every student needs a basic science education. Two science programs are currently offered at Springboro Schools. One program meets the Ohio academic content standards for science at each grade level. The enriched program develops these standards in more depth and accelerates the curriculum so that students are able to take more advanced science courses at the high school level in preparation for a science or engineering career.

Science 6: Follows the regular sixth grade Ohio academic content standards and indicators for science.

Enriched Science 6: Follows the regular sixth grade Ohio academic content standards and indicators for science and incorporates extended project work and experimentation. Mathematical extensions of the science are incorporated.