

Springboro Junior High
Program of Studies
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 on the Enriched Criteria Formula will be placed in the enriched course for the subject areas in which they qualify.

Enriched Criteria Formula:

| <u>Terra Nova (most recent) +</u> | <u>OAT (previous year) +</u> | <u>Class Grade (3 Quarters)</u> |
|-----------------------------------|------------------------------|---------------------------------|
| 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 | | |
| 86-88: 20 points | | |
| 83-85: 10 points | | |

Mathematics Placement

- Students scoring 70 or above on the Enriched Criteria Formula will be scheduled into Pre-Algebra or Algebra depending on the results of the Orleans-Hannah Algebra Assessment.
- Sixth grade students scoring below 69 on the Enriched Criteria Formula who are not identified as gifted in mathematics will be placed into Mathematics Blue.
- All identified gifted sixth grade students (those scoring a 95-99 on the most recent Terra Nova) in mathematics will be placed into Pre-Algebra or above depending upon their scores on the Orleans- Hannah.
- For students in Math White as 6th graders who now meet the enriched criteria formula as 7th graders, the Orleans- Hannah assessment will be given to determine if the student may be placed into Pre-Algebra.
- For students in Math Blue as 6th graders who wish to skip Pre-Algebra, a Terra Nova score of 94, a three-quarter class average of 94 and a qualifying Orleans-Hannah score is required.
- For students in Math Blue as 7th graders who wish to skip Pre-Algebra, must meet the enriched criteria formula and a qualifying Orleans-Hannah score.

- 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.

Junior High Mathematics Program

An understanding of mathematics and its functional application are essential at some level to all people. Our culture and day-to-day existence are dependent on a workable knowledge of our number systems. The mathematics courses offered at Springboro Junior High are designed so that all students will be prepared for high school mathematics and are in a math class appropriate to their ability.

Seventh Grade Math Options:

Mathematics Blue: Follows the regular seventh grade Ohio academic content standards and indicators for mathematics.

Pre-Algebra: Students that demonstrate proficiency with the seventh grade math concepts will begin preparations for algebra.

CP Algebra I: A high school credit course, students that demonstrate their mathematical readiness for algebra will be placed in this course after meeting the criteria for enriched placement.

Eighth Grade Math Options:

Pre-Algebra: The standard eighth grade curriculum according to Ohio's Math standards which is designed to increase algebra readiness and met all eighth grade Ohio academic content standards for mathematics.

CP Algebra I: A high school credit course, the basic foundational course for all higher mathematics.

CP Geometry: A high school credit course that can be taken by students successfully completing CP Algebra 1 as 7th graders. The eighth grade course is equivalent to the sophomore CP Geometry course.

Honors Geometry: A more in depth study of geometry than CP Geometry, designed for the student with superior mathematical ability and superior completion of CP Algebra 1.

Junior High 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.

Seventh Grade Science Options:

Science 7: Follows the regular seventh grade Ohio academic content standards and indicators for science.

Enriched Science 7: Follows the regular seventh grade Ohio academic content standards and indicators for science and incorporates extended project work and experimentation. Mathematical extensions of the science are incorporated.

Eighth Grade Science Options:

Science 8: Follows the regular eighth grade Ohio academic content standards and indicators for science.

Enriched Science 8: Follows the regular eighth grade Ohio academic content standards and indicators for science and incorporates extended project work and experimentation. Mathematical extensions of the science are incorporated.