

2011  
2012

# Middle School

Program of Studies

Hilliard City Schools



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The Hilliard City School District's middle school Program of Studies is subject to change and is revised periodically throughout the year. For the latest edition of the Program of Studies, please visit our website at [www.hilliardschools.org](http://www.hilliardschools.org).

**Non Discrimination Statement (Title IX)**

All of the courses, programs, and activities presented in this booklet are open to all students without regard to race, color, national origin, sex, or handicap. This policy meets all requirements and directions of the U.S. Department of Education under Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973.

# Hilliard City Schools

In concert with family and community, the Hilliard City School District will empower all graduates to thrive in the 21<sup>st</sup> century.

## Superintendent's Office 771-4273

Mr. Dale McVey, *Superintendent*  
Mr. Tim Hamilton, *Assistant Superintendent*  
Mrs. Leslie McNaughton, *Assistant Superintendent*  
Dr. Andy Riggle, *Assistant Superintendent*  
Mr. Steve Estep, *Director of Secondary Education*  
Mr. Kevin Buchman, *Coordinator of Curriculum & Instruction*

## Board of Education 771-4273

Mr. Paul Lambert  
Mr. David Lundregan  
Mr. Doug Maggied  
Mr. Andy Teater  
Mrs. Lisa Whiting

## Hilliard Heritage Middle School

**Ms. Joyce Brickley, Principal**

5670 Scioto Darby Road  
Hilliard, OH 43026  
614-921-7500 Main Office  
614-921-7510 Guidance Office

## Hilliard Memorial Middle School

**Mr. Douglas S. Lowery, Principal**

5600 Scioto Darby Road  
Hilliard OH, 43026  
614-921-7600 Main Office  
614-921-7608 Guidance Office

## Hilliard Weaver Middle School

**Mr. Craig Vroom, Principal**

4600 Avery Road  
Hilliard OH 43026  
614-921-7700 Main Office  
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## General Information

### General Information

The Hilliard City School District Middle School Program offers students an opportunity to extend their learning horizons through varied experiences both required and elective. All three Middle School (Heritage, Memorial & Weaver) programs strive to create opportunities for students to share in the responsibility of their growth and learning.

The Middle School Program of Studies consists of a group of required courses that are supplemented and enriched by a group of elective courses. In this way, students are taught basic and advanced skills and also have the opportunity to sample and explore a wide variety of topics in the visual and performing arts, wellness, and family and consumer science.

All three middle schools are organized as seventh and eighth grade buildings incorporating the team format. The middle school model is an excellent means of organization for teaching early adolescents and meeting their special developmental needs. This organizational model encourages and supports interdisciplinary initiatives as well as active parent involvement.

### Core Courses

All middle school students take four core classes (Language Arts, Math, Social Studies and Science) daily for the entire year. Parents/Guardians need to check over the schedule to make sure their child is in the correct classes according to his/her ability.

Core courses are offered at different instructional levels. Please consult Section C in this Program of Studies for the specific criteria in regard to advanced courses.

A mathematics course sequence from grades 5 to 8 is displayed on page A-2.

### Encore Courses (Electives)

Encore courses are offered to either 7th, 8th or both 7th and 8th grade students. Encore courses are offered as either one semester or two semester courses.

Some encore courses are offered at different instructional levels and have prerequisites. Please consult Section C in this Program of Studies for the specific criteria for these courses.

## Hilliard City School District Mathematics Course Sequence Grade 5-8

**Please Note:** A well suited mathematics program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

### *Elementary School*

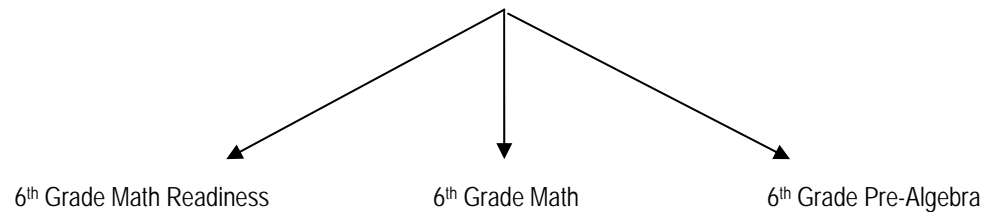
Grade 5

### Course Sequence Flow Chart

5<sup>th</sup> Grade Elementary Mathematics Program

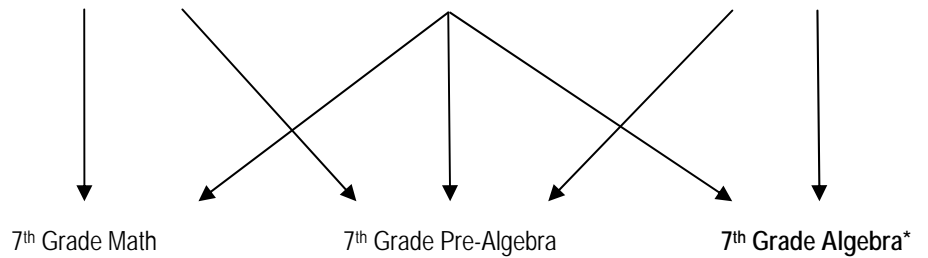
### *Sixth Grade Buildings*

Grade 6

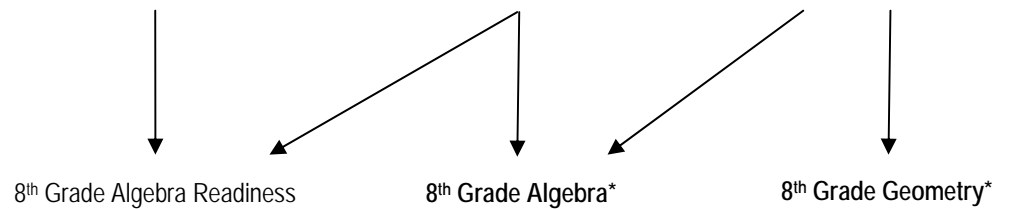


### *Middle School*

7<sup>th</sup> Grade



8<sup>th</sup> Grade



\*This is a high school credited class. Your child's final grade will be posted on his/her high school transcript.

## Student Schedule

### Student Schedule

In August, students will receive their schedule for classes. Below is a sample of what a typical schedule looks like in middle school.

### Your Daily Schedule

The school day is divided into 7 periods. Your schedule is printed by computer and may seem hard to understand at first.

Not every subject meets daily, all year long, but will be listed on your schedule period by period. Most students are scheduled for a two period language arts block which meets daily.

It will be helpful to read the period, class meeting days, and corresponding room numbers. Your classroom teacher will gladly help you interpret your schedule. **DO NOT HESITATE TO ASK.**

The following letter and number codes will be helpful:

- |               |                         |
|---------------|-------------------------|
| M = Monday    | M1 = 1st Grading Period |
| T = Tuesday   | M2 = 2nd Grading Period |
| W = Wednesday | M3 = 3rd Grading Period |
| R = Thursday  | M4 = 4th Grading Period |
| F = Friday    |                         |

School Name  
1/28/2011  
**650 - Hilliard Weaver Middle School**

**Student Schedule**

Locker #  
Schedule As Of 1/28/2011

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Student ID	Name	Gr	Hrm	Team Description	Counselor	Locker
Your ID #	Your Name Here	08	128	T - T-team	Abele, L	1011

**Student Address:**  
Your Home Address

**Parent/Guardian:**  
Your Parent/Guardian's Name

**School Year:**  
2010-2011

Period	Course-Sec	Description	Marking Periods	Days	Room	Teacher	Bldg
1	220 - 1	Science 8	M1,M2,M3,M4	M,T,W,R,F	128	Ferreri, N	650
2	201 - 1	Lang Art8	M1,M2,M3,M4	M,T,W,R,F	202	Kitchen, R	650
3	844 - 5	Fitness 8	M1,M2	M,T,W,R,F	167	Nye, J	650
3	842 - 8	PE-8	M3,M4	M,T,W,R,F	Mgm	Jones, S	650
4	500010 - 4	Algebra 1	M1,M2,M3,M4	M,T,W,R,F	254	Wilkinson, L	650
5	201 - 1	Lang Art8	M1,M2,M3,M4	M,T,W,R,F	202	Kitchen, R	650
6	843 - 7	FCS 8	M1,M2	M,T,W,R,F	147	Bigham, M	650
6	858 - 8	Art 8	M3,M4	M,T,W,R,F	145	Dorr, L	650
7	230 - 5	Soc Studies 8	M1,M2,M3,M4	M,T,W,R,F	247	Farrell, S	650

Class Period

Title of Course

Grading Periods

Days Courses Meet

Course Room #

Teacher's Last Name

Course Codes

**High School Credit and Learning Pathways**

**Earning High School Credit**

The Hilliard City School District's Board of Education policy determines the requirements for students earning high school credit for a course taken in middle school.

Students in the Hilliard City School District must meet the following requirements in order to earn high school credit for *Algebra I, Geometry, Honors Science 9, All Foreign Languages, Adv. Art, Adv. Physical Education, Adv. Symphonic Band, Adv. Choir 8 or Adv. Concert Orchestra* taken in middle school:

- Earn passing grades throughout the school year
- Pass the course criteria (D or higher)

Also, according to HCSD Board Policy, the course grade will be calculated in the student's high school GPA in the same manner as other high school courses. In the event that a middle school student and/or parent decide(s) that the student should withdraw from a high school course, the student may withdraw prior to the start of the second semester. Withdrawing after the second semester is in progress will result in the course being treated as a withdrawal from a high school course. This will affect the GPA calculation.

**Four Year Planning Overview**

In order to take full advantage of the high school experience, it is important that students carefully consider the courses, programs, and experiences in which they would like to participate during their four years of high school. ***This all begins within middle school.*** To assist with this important task, eighth grade students will take ACT's EXPLORE assessment to help identify a Learning Pathway and Area of Focus.

**College and Career Readiness Assessments**

**ACT EXPLORE**

The EXPLORE test is the first part of ACT's testing system that goes on to include PLAN and the ACT tests. Students take EXPLORE in the eighth grade,

PLAN in the tenth grade, and ACT in eleventh and/or twelfth grade. Students are tested in English, math, reading, and science in all three assessments. However, the material tested in each program gets more difficult.

As part of the EXPLORE test, students will answer questions about his/her educational and career plans. These results will be used to place students into a Learning Pathway and an Area of Focus to guide his/her high school four year planning and course selection.

To learn more about ACT EXPLORE and how to prepare for the test, visit ACT's website: <http://actstudent.org/explore>.

**Learning Pathways & Areas of Focus**

To assist students in developing a four year plan, the Hilliard City School District has identified four Learning Pathways and fourteen Areas of Focus to serve as guides for course and program selections (see chart below).

More information about creating a high school four year plan will be given to each student in the eighth grade. Through the help of your building's guidance counselor and staff, students will find this process to be easy and self gratifying.

<b>Working With Ideas</b>	<b>Working with Data</b>
<i>Engineering &amp; Technologies</i> ♦	<i>Business</i> ♦
<i>Natural Science &amp; Technologies</i> ♦	<i>Regulations and Protection</i> ♦
<i>Medical &amp; Related</i> ♦	<i>Communications &amp; Records</i>
<i>Arts &amp; Communication</i> ♦	
<i>Social Science</i>	
<b>Working with Things</b>	<b>Working with People</b>
<i>Environmental &amp; Related Studies</i> ♦	<i>Education</i> ♦
<i>Computer and Information Specialties</i> ♦	<i>Healthcare</i> ♦
<i>Skilled Trades &amp; Personal Services</i>	<i>Community Service</i>

## High School Graduation Requirements

To graduate from a Hilliard City Schools High School, a student must meet the standards adopted by the State of Ohio, and the Hilliard City Schools Board of Education. **The ultimate responsibility for tracking and completing necessary credits for graduation lies with the students and parents. Any student who fails to meet the district's graduation requirements cannot participate in commencement exercises or receive a diploma.**

Graduation Requirements		
Subject	Minimum Credit Requirement—21.5	
English	4	
World Studies	1	
U.S. History	1	
U.S. Government	1/2	
Civics or Economics	1/2	
Science	3	1 credit Biology; 1 credit Physical Science
Math	4	Must include Alg. 2 or Honors Alg. 2
Health	1/2	
Physical Education	1/2	Students may waive the physical education requirement in high school with participation in athletics, marching band, and/or cheerleading. Students who pursue this option must earn one half elective credit in another subject-area to meet the minimum credit requirement for graduation (21.5 credits).
Information & Communication Technology 21	1/2	
Financial Literacy Elective	1/2	The financial literacy elective requirement can be fulfilled by taking one of the following courses: Careers & Money Management, Financial Independence, Personal Finance, College Fundamentals, or Principles of Entrepreneurship or CBI 3 Related.
Senior Capstone	1/2	The Senior Capstone can be completed in a variety of ways/courses and must meet defined criteria. <u>The Senior Capstone must be completed during the senior year.</u>
Additional Electives	5	1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in middle school (grades 7-8). Participation in Tolles or CBI may fulfill the Fine Arts graduation requirement.  Elective credits must include one or any combination of foreign language, fine arts, business, career-technical education, Family & Consumer Sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
<b>TOTAL CREDITS</b>	<b>21.5*</b>	

\*Per State House Bill 1, graduation requirements will be changing; however, a definitive timeline has not yet been established by the State Department of Education. The implementation of the timeline may impact graduation requirements.

**Note:** These are current graduation requirements for the class of 2015 and are subject to change for future graduating classes.



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## Scheduling Guidelines

### Scheduling Courses

Use the template on page B-4 as a tool to build your schedule. Course descriptions are located in Section C.

#### 7th Grade:

All students in seventh grade are required to take one course in the following areas:

- Language Arts
- Math
- Social Studies
- Science

All students in seventh grade must also sign up for Physical Education/Health.

Seventh grade students can choose from the following electives:

- 2D Art
- 3D Art
- General Music
- Orchestra
- Band
- Choir 7
- Fitness

#### 8th Grade:

All students in eighth grade are required to take one course in the following areas:

- Language Arts
- Math
- Social Studies
- Science

Eighth grade students can choose from the following electives:

- 2D Art
- 3D Art
- French\*, German\* or Spanish\*
- Family & Consumer Science
- Orchestra
- Band
- Choir 8
- Fitness
- Media Exploration
- Advanced Art\*
- Advanced Symphonic Orchestra\*
- Advanced Band\*
- Advanced Choir 8\*
- Advanced Physical Education\*

*\*See prerequisites in section C of the Program of Studies.*

### Units

Each course is worth either half (1/2), one (1) or two (2) units based on length and number of class periods. One semester equals half (0.5) unit. Two (2) semesters equals two (2) units. All 7th and 8th grade students must have a total of seven (7) units when scheduling.

If a course is identified as a high school credited course, the term unit is replaced with the term credit. A credit and unit equal the same amount of value except for Advanced Physical Education. Advanced Physical Education is worth 0.5 units and 0.25 high school credits.

### Schedule Changes

All schedule changes must be approved by the principal. Teachers, guidance counselors, students, parents, or administrators may initiate schedule changes. Since any schedule change is liable to disrupt a number of classes or have other hidden implications, requests for changes are considered very carefully. Reasons for which schedule changes might be approved include:

- To improve class load balance
- To change grouping if recommended by a teacher
- To drop an elective that is too difficult
- To add an elective within the first two weeks of the semester
- To improve a discipline situation

Schedule changes will not be approved for these reasons:

- Do not like the teacher
- Want to be with certain friends
- Want different lunch period

### Course Fees

Students will receive a statement listing the required fees and their amounts on the first day of school. This list should be taken home and shared with parents. Fee amounts for each course can be found in section C.

**In addition to course fees, all middle school students must pay a *User Fee* of \$30.00.**

## Course Information

### Promotion and Retention of Students K-12

The promotion of each student is determined individually. The decision to promote a student or to retain a student in a grade is made on the basis of the following factors: reading level, mental ability, age, physical maturity, emotional and social development, social issues, home conditions and grade average.

Promotion procedures demand continuous analysis and study of the cumulative student case history records. Guidelines may include the following elements:

- A student receiving passing grades in the core courses is promoted
- A student having failing grades in the core courses at the end of each year is evaluated by the teachers, guidance counselor and principal for placement
- No conditional promotions are permitted
- A student having failing grades may be assigned to the next higher grade with discretion only with approval of the principal
- No student having passing grades, "D" or above, throughout the year is failed
- No student should be retained more than twice in the elementary grades. Documentary and anecdotal evidence should be available to justify retention
- A student with failing grades during any academic term may be provided with intervention services

### Course Drop Policy for High School Credited Courses (Student Initiated)

A student may withdraw from a **high school credited** course without grade penalty if he/she withdraws within the following period and if requirements are otherwise met:

- Semester course: Beginning of the second grading period
- Year course: Beginning of second semester

A student withdrawing from a high school credited course after the grace period will have the following letter grade penalty applied:

- Semester course: "F" for the nine-weeks grade and the semester final grade
- Full year course: "F" for the nine-weeks grade and for the semester of withdrawal

### Credit Flexibility

In compliance with Senate Bill 311, the Hilliard City School District will offer students the opportunity to earn high school credit(s) through a credit flexibility program beginning with the 2010-2011 school year. "Credit flex" shifts the focus from evaluating student learning based on "seat time" to assessing students' demonstrated academic and skill level or performance. With "Credit Flex," students will have options to show what they know, earn credit(s), and move on to higher-order content.

Students interested in learning more about credit flexibility options should contact their guidance counselor for details. It is important to note that there are specific guidelines and timelines that have been established and must be followed in order to be considered for participation in the Hilliard City Schools' credit flexibility program. Students choosing to pursue credit through credit flexibility should review these guidelines carefully.

More details can be found at the school district's website: [www.hilliardschools.org](http://www.hilliardschools.org).

## Athletic Eligibility & Service Groups

### Athletic Eligibility

The Board of Education recognizes the values associated with and gained as a result of participation in interscholastic extracurricular activities and further recognizes the incentives that participation in interscholastic extracurricular activities provide to students to achieve success in the classroom. Interscholastic extracurricular eligibility will be evaluated during each nine-week grading period.

In order to be eligible to participate in any interscholastic extracurricular activities, students must meet the following requirements:

#### **Grades 7-8**

- In the immediately preceding grading period, a student must receive a minimum GPA of 1.5 on a 4.0 scale. This does not apply to students entering the seventh grade for the first time.
- Students whose GPA falls between 1.5 and 1.75 will be on academic probation; to maintain eligibility they must show acceptable academic performance with weekly progress checks throughout the current grading period.
- Students whose GPA falls below 1.5 for the immediately preceding grading period may be eligible to participate by taking a waiver and agreeing to go on Academic Probation under the criteria listed in the paragraph above in this section. This waiver provision can be applied only once in the three academic years for grades seven through nine.

#### Fall Sports:

- 7th grade Football
- 7th grade Volleyball (girls)
- Gymnastics
- 8th grade Football
- 8th grade Volleyball (girls)
- Girls Tennis
- Soccer (boys & girls)
- Cross Country (boys & girls)
- Golf
- 7th grade Football Cheerleaders
- 8th grade Football Cheerleaders

#### Winter Sports

- 7th grade Boys Basketball
- 7th grade Girls Basketball
- 8th grade Boys Basketball
- 8th grade Girls Basketball
- Wrestling
- 7th grade Basketball Cheerleaders
- 8th grade Basketball Cheerleaders

#### Spring Sports

- Track (boys & girls)
- 7th & 8th grade Softball
- Boys Tennis
- 7th & 8th grade Baseball
- Boys & Girls Lacrosse
- Boys Volleyball

### Activities and Service Groups

Each middle school has a number of activities and service groups open to students. Activities may include Ski Club, Tech Club, SODA, Destination Imagination, Winners Choice Camp, Math Counts, Future Problem Solvers, Drama, Power of the Pen, FCA, Leadership opportunities or others organized on a year-to-year basis.

Students should pay careful attention to school announcements, and postings for information about activities and service groups.

Use the following templates to help you schedule your 7th and 8th grade years.


Grade 07			
Area	Course	Course Code	Unit(s)
Language Arts			2
Math			1
Science			1
Social Studies	Social Studies 7	600100	1
Physical Education/Health	Required	450100	0.5
Elective			
Elective			
Elective			
Total number of units must equal seven (7)			

Grade 08			
Area	Course	Course Code	Unit(s)
Language Arts			1 or 2
Math			1
Science			1
Social Studies	Social Studies 8	600500	1
Elective			
Elective			
Elective			
Elective			
Elective			
Elective			
Total number of units must equal seven (7)			

***Things to consider when planning:***

- All students are required to select one course from each of the core content areas (Language Arts, Math, Science, Social Studies).
- Units - Students must register for 7 units a school year:
  - One semester = 0.5 units
  - Two semesters = 1.0 units
- Language Arts courses count as 2 units. Advanced Language Arts 8 is one unit.
- Physical Education/Health is a required elective course in seventh grade and must be selected
- Students are required to select either:
  - Two two-semester elective courses
  - Four one-semester elective courses
  - Combination of both two semester and one semester courses

## Course Code Key

	Course Code	High School Credited Course	
Length of course	#500500		Number of units or type of high school credit earned if course is identified as a high school credited course
	Two Semesters	1 Mathematics Credit	
Course Title	<b>Algebra I</b> <i>Algebra I is a high school credited course.</i> Algebra I is designed to provide a solid foundation for all future work in mathematics. A strong background in fractions, decimals, and variable and logical reasoning is essential. Algebra 1 is primarily the study of solving and graphing linear equations and inequalities. We will also introduce students to quadratic equations and inequalities.		
Course Description	Algebra 1 is primarily the study of solving and graphing linear equations and inequalities. We will also introduce students to quadratic equations and inequalities. <i>Grade level: 7, 8</i>		Grade level eligible for course
Previous course(s)/ criteria required for enrollment	<i>Prerequisite: Pre-Algebra</i> <i>Fees: \$0.00</i>		Course Fee

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## ENGLISH/LANGUAGE ARTS

#300100

Two Semesters      2 English Units

**Language Arts 7**

Language Arts 7 is closely aligned to Ohio's Academic Content Standards. Language Arts 7 is designed to accelerate student achievement in reading, writing, listening, and speaking. The course includes blocks of time devoted to teacher-directed lessons on reading and writing, monitored reading, vocabulary development, and grammar and usage.

**Grade Level: 7****Prerequisite: None*****\*This course meets for two periods***

#300500

Two Semesters      2 English Units

**Language Arts 8**

Language Arts 8 is closely aligned to Ohio's Academic Content Standards. Language Arts 8 is centered on high-quality contemporary and classic literature, supported by skills instruction and practice in critical reading, writing, vocabulary, and grammar and usage.

**Grade Level: 8****Prerequisite: Successful completion of Language Arts 7*****\*This course meets for two periods***

#300200

Two Semesters      2 English Units

**Advanced Language Arts 7**

Students taking Advanced Language Arts cover the same standards of Language Arts 7 but with greater depth at an accelerated pace.

**Grade Level: 7****Prerequisite: Teacher Recommendation and the contract for seventh grade language arts**

#300600

Two Semesters      1 English Unit

**Advanced Language Arts 8**

Students taking Advanced Language Arts 8 cover the same standards of Language Arts 8 but with greater depth at an accelerated pace.

**Grade Level: 8****Prerequisites: Teacher recommendation and the contract for eighth grade language arts*****\*This course meets for one period***

#301000

Two Semesters      2 English Units

**Literacy Explorations And Perspectives 7 (L.E.A.P. 7)**

This course is for seventh graders who have been identified by OAA data, MAP data, and/or teacher recommendation. Teacher permission is required to register for this course. L.E.A.P. 7 is a rigorous intervention class that will focus on a student's individual needs within spelling, vocabulary, reading, comprehension, grammar, fluency, and writing processes and conventions. Students will use the READ180 Intervention Program with an intense focus on literacy acceleration through skill-based texts and activities.

**Grade Level: 7****Prerequisite: Teacher Recommendation*****\*This course meets for two periods***

#301500

Two Semesters      2 English Units

**Literacy Explorations And Perspectives 8 (L.E.A.P. 8)**

This course is for eighth graders who have been identified by OAA data, MAP data, and/or teacher recommendation. Teacher permission is required to register for this course. L.E.A.P. 8 is a rigorous intervention class that will focus on a student's individual needs within spelling, vocabulary, reading, comprehension, grammar, fluency, and writing processes and conventions. Students will use the READ180 Intervention Program with an intense focus on literacy acceleration through skill-based texts and activities.

**Grade Level: 8****Prerequisite: Teacher Recommendation*****\*This course meets for two periods***

## MATHEMATICS

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 #500100
 

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 Two Semesters      1 Mathematics Unit
 

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### Math 7

This course is closely aligned to Ohio's Academic Content Standards. The standards covered are number, number sense and operations; measurement; geometry and special sense; patterns, functions and algebra; and data analysis and probability. Students in Mathematics 7 will proceed to Math 8 or Algebra I.

**Grade Level: 7**

**Prerequisite: Successful completion of 6th grade Math Readiness or Math 6**

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 #500200
 

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 Two Semesters      1 Mathematics Credit
 

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### Pre-Algebra

Pre-Algebra 7 is an advanced mathematics course for Grade 7 students. This course prepares students for the formalized study of Algebra I. Students will approach the learning of mathematics through problem-solving. Students will be expected to solve one-variable equations using the set of rational numbers efficiently and accurately. They will investigate the relationships among data, in particular linear relationships. This course serves as an introduction to modeling and solving contextualized problems through graphs, tables and symbolic representations. Students will be able to identify functions as linear or nonlinear and contrast their properties using tables, graphs and/or equations. Students who are successful in Pre-Algebra 7 will proceed to Algebra I.

**Grade Level: 7**

**Prerequisite: Advanced scores on the 6th grade MAP winter assessment and teacher recommendation**

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 #500500
 

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 Two Semesters      1 Mathematics Unit
 

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### Math 8

This course is closely aligned to Ohio's Academic Content Standards. The standards covered are number, number sense and operations; measurement; geometry and special sense; patterns, functions and algebra; and data analysis and probability.

**Grade level: 8**

**Prerequisite: Successful completion of Math 7**

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 #500010
 

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 Two Semesters      1 Mathematics Credit
 

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### Algebra I

**Algebra I is a high school credited course.** Algebra I is designed to provide a solid foundation for all future work in mathematics. A strong background in fractions, decimals, and variable and logical reasoning is essential. Algebra I is primarily the study of solving and graphing linear equations and inequalities. Students will also be introduced to quadratic equations and inequalities.

**Grade level: 7, 8**

**Prerequisite: Pre-Algebra or teacher recommendation**

**Fee: \$10.00**

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 #500020
 

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 Two Semesters      1 Mathematics Credit
 

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### Geometry

**Geometry is a high school credited course.** Geometry is for those students who passed Algebra 1 with a "C" or better test average. Geometry is the study of visual patterns. This course explores the relationships between different types of plane and solid figures in order to improve a student's ability to see patterns, improve a student's problem solving skills and to apply geometric principles in the world around us. Topics to be studied include geometric proof reasoning, polygons, parallel and perpendicular lines, similarity, trigonometry, transformations, surface area and volume. Geometry is recommended for any college-bound student.

**Grade level: 8**

**Prerequisites: Algebra 1**

## SCIENCE

#550100

Two Semesters

1 Science Unit

**Science 7**

This course is closely aligned to Ohio's Academic Content Standards. This science course includes science concepts, processes and ways of thinking. Students will learn to describe interactions of matter and energy throughout the lithosphere, hydrosphere and the atmosphere. Students will continue to develop skills of scientific inquiry, explain how matter can change forms and describe how energy is potential or kinetic. Students apply math skills to evaluate and analyze variables and data from investigations as they draw conclusions from scientific evidence. Seventh graders are able to recognize the importance of technology and how it cannot answer all questions and cannot solve all human problems. The students access knowledge to explain how energy entering the ecosystems as sunlight, supports the life of organisms through photosynthesis and the transfer of energy through the interactions of organisms and the environment. They will also explore weather and climatic changes.

**Grade Level: 7****Prerequisite: None**

#550200

Two Semesters

1 Science Unit

**Advanced Science 7**

*This course must be taken with either Algebra 1 or Geometry.*

Advanced Science 7 is a challenging, fast-paced academically enriched course that integrates grade 7 and 8 science curriculum into one course of study.

**Grade level: 7****Prerequisites:**

- *Concurrently enrolled in Algebra 1 in 7th Grade*
- *Math MAP RIT score of 250+*

#550500

Two Semesters

1 Science Unit

**Science 8**

This science course is closely aligned to Ohio's Academic Content Standards. This science course includes science concepts, processes and ways of thinking. Eighth graders will explore space and plate tectonics as they continue to draw conclusions from scientific evidence that support theories related to the change of the Earth's surface. They will acquire knowledge to describe how positions and motions of objects in the universe cause predictable and cyclic events.

Students will explain that the universe is composed of vast amounts of matter and that it is held together by gravitational force. They will explore equipment to study the universe – telescopes, probes, satellites, and spacecraft. Motion of objects, effects of forces on objects and how waves (sound, water, and earthquake) transfer energy will be explored. Students will be able to explain how extinction of a species occurs when the environment changes and its adaptive characteristics are insufficient to allow survival. Students will design a solution to a problem or design and build a product, given certain constraints. Technological influences on the quality of life will also be explored.

**Grade Level: 8****Prerequisite: Successful completion of Science 7**

#550003



Two Semesters

1 Science Credit

**Honor's Science 9**

***Honor's Science 9 is a high school credited course.*** This course must be taken with Geometry. Honor's Science 9 is a hands-on, lab-based course that is designed for ninth grade students. The following topics will be covered: scientific inquiry, metrics and measurement; matter, atoms and the periodic table; forces and motion; energy; waves; earth systems; processes that shape the earth; the universe; and scientific inquiry.

**Grade Level: 8**

***Prerequisites: Successful completing of Compacted Science 7 & Concurrently enrolled in Geometry grade 8***  
***Fee:\$23.00***

**SOCIAL STUDIES**

#600100

Two Semesters 1 Social Studies Unit

**Social Studies 7**

Social Studies 7 is closely aligned to Ohio's Academic Content Standards. Students focus on world studies from 1000 B.C. to 1750 A.D. covering ancient civilizations through the first global age. Seventh grade social studies students begin a four-year historical sequence with a study of the ancient world. This study incorporates each of the standards: History, Geography, Economics and Government. Students learn that each historic event is shaped by its geographic setting, culture of people, economic condition, governmental decisions and citizens' action. Students also expand their command of social studies skills and methods.

**Grade Level: 7****Prerequisite: None****Fee: \$10.00**

#600500

Two Semesters 1 Social Studies Unit

**Social Studies 8**

Social Studies 8 is closely aligned to Ohio's Academic Content Standards. United States Studies from 1607 to 1877: covering colonization through reconstruction. The historical sequence continues in the eighth grade with an in-depth study of the early years of our country. This study incorporates: History; Geography; Economics; and Government. When students study a particular historic event in the United States they will also look at its geographic settings, economic implications, developments in government and the role of citizens.

**Grade Level: 8****Prerequisite: Successful completion of Social Studies 7****FAMILY & CONSUMER SCIENCES**

#350100

One Semester 0.5 Elective Unit

**Family Consumer Science**

Students taking this course will learn basic concepts of developing life skills needed to help them function effectively within the family and an ever changing, and complex society. The course focuses on personal development and human relations, healthy living, and consumer savvy. Personal development and human relations focuses on effective communication, building strong relationships, time management, stress and goal setting. Healthy living focuses on how nutrients affect the body, how to read and understand food labels, what constitutes a healthy diet, and how to prepare healthy meals. Consumer savvy focuses on the basics of money management, savings, checking accounts and credit cards. Career skills focus on the future, where they are introduced to a career inventories list, research a career of interest, build a resume, and learn interview skills.

**Grade Level: 8****Fee: \$15.00****Prerequisite: None****MEDIA EXPLORATIONS**

#101000

One Semester 0.5 Elective Unit

**Media Explorations**

This course provides students with the opportunity to create multi-media presentations using current software tools and applications. Students will be introduced to video production, digital photography techniques and editing, news production, story telling and graphic design.

**Grade Level: 8****Fee: \$10.00****Prerequisite: None**

## FINE ARTS

#100100

One Semester      0.5 Elective Unit

**2D Art**

In Two Dimensional (2D) Art, students will demonstrate the proficiency of producing shadow and light in order to create the illusion of depth; understand the compositional terminology of: focal point, repetition, balance, depth, and eye movement in art; and be able to produce two dimensional works that apply these concepts. Students will demonstrate the appropriate use of media art, art room facilities and time management, the ability to analyze and give constructive criticism of art work, make connections between different cultures/time periods, and produce quality work which displays an understanding of learned skills.

**Grade levels: 7, 8****Fee: \$10.00****Prerequisite: None**

#100500

One Semester      0.5 Elective Unit

**3D Art**

In Three Dimensional (3D) Art, students will produce a well crafted sculpture that demonstrates the proficiency of techniques required of that medium. Students will understand the compositional terminology of: focal point, repetition, balance, depth, and eye movement in art and be able to produce three dimensional works that apply these concepts. Students will demonstrate the appropriate use of media art, art room facilities and time management; the ability to analyze and give constructive criticism of art work; make connections between different cultures/time periods, and produce quality work which displays an understanding of learned skills.

**Grade levels: 7,8****Fee: \$10.00****Prerequisite: None**

#100004

One Semester      0.5 Fine Arts Credit

**Advanced Art**

**Advanced Art is a high school credited course.** Students in this course will extend their learning with greater depth in either 2D or 3D art by meeting high school art standards. Students participating in Advanced Art will be responsible for writing a researched-based studio project, and creating a teacher-guided studio project connected to the research. Students will keep a sketchbook, visit and observe high school art programs outside the classroom art experiences, and have an exit review where all completed artwork from the course will be evaluated by middle school and high school art teachers.

**Grade level: 8****Prerequisite:****2011-2012 School Year: Teacher recommendation required.****2012-beyond:*****Must complete 2D & 3D Art courses with an A or B as the final grade.*****Fee: \$20.00**

#651000

Two Semesters      1 Elective Unit

**Cadet Band**

Cadet Band is open to all students who are interested in playing wind and percussion instruments and performing. This band performs three to four times throughout the year. This group will focus on developing proper musicianship skills through daily rehearsals and participation. Students need some instrumental experience to participate in Cadet Band. Contact the instructor for additional information.

**Grade levels: 7,8****Prerequisite: Some wind or processional instrumental experience.**

#651500

Two Semesters      1 Elective Unit

**Concert Band**

Membership in Concert Band is elective and selective. The ensemble will develop musicianship and skills through daily rehearsals and participation. Music will be selected from many different styles and music periods. Students in this group are expected to participate in all performances associated with the group.

**Grade levels: 7,8****Prerequisite: Placement based on audition**

#652000

Two Semesters      1 Elective Unit

**Symphonic Band**

Membership in Symphonic Band is elective and selective. The ensemble will develop advanced musicianship and skills through daily rehearsals and participation. Music will be selected from many different styles and music periods. Students in this group are expected to participate in all performances associated with the group.

**Grade levels: 7,8****Prerequisite: Placement based on audition**

#650018



Two Semesters 1 Fine Arts Credit

**Advanced Symphonic Band*****Advanced Symphonic Band is a high school credited course.***

Students in this course will demonstrate an advanced level of proficiency on their band instrument. Students accepted into this course must have earned an "A-" or better in their 7th grade band class. Students should be prepared to complete the requirements of Symphonic Band class, as well as building a portfolio which will include performance and written components.

**Grade Level: 8****Prerequisites:**

- ***Earned a final grade of "A-" or better in 7th grade Band Class***
- ***Auditioned into Symphonic Band for 8th grade year and/or received director approval based on achievement level of audition***

#650100

Two Semesters 1 Elective Unit

**Choir 7**

Choir 7 is open to all seventh grade students who are interested in singing and performing. This choir may perform three to four times throughout the year. This group will focus on developing proper vocal production and technique. Students in this group are expected to participate in all performances associated with the group.

**Grade Level: 7****Prerequisite: None**

#650500

Two Semesters 1 Elective Unit

**Choir 8**

Choir 8 is open to all eighth grade students who are interested in singing and performing. This choir may perform three to four times throughout the year. This group will focus on developing proper vocal production and technique. Students in this group are expected to participate in all performances associated with the group.

**Grade Level: 8****Prerequisite: None - no previous singing experience is required**

#650029



Two Semesters 1 Fine Arts Credit

**Advanced Choir 8**

***Advanced Choir 8 is a high school credited course.*** Students in this course will demonstrate an advanced level of proficiency in a choral setting. Students should be prepared to complete a rigorous set of criteria that includes the regular middle school performance/activity schedule, plus a music portfolio that may include but not be limited to performance and written assignments. Students should be prepared to complete the requirements of their 8th grade choir class, as well as building a portfolio which will include performance and written components.

**Grade Level: 8****Prerequisites: Audition and teacher recommendation**

#652500

Two Semesters 1 Elective Unit

**Cadet Orchestra**

Cadet Orchestra is open to all students who are interested in playing stringed instruments and performing. This orchestra performs three to four times throughout the year. This group will focus on developing proper musicianship skills through daily rehearsals and participation.

**Grade Levels: 7,8****Prerequisite: None**

#653000

Two Semesters 1 Elective Unit

**Concert Orchestra**

The Concert Orchestra is comprised of string players who can demonstrate a moderate level of proficiency on violin, viola, cello, bass, piano or harp. The members of the Concert Orchestra should be prepared for a performance schedule that includes three to four performances per year and may also include adjudication. Students in this group are expected to participate in all performances associated with the group.

**Grade Levels: 7,8****Prerequisite: Placement based on audition**

#650038



Two Semesters

1 Fine Arts Credit

**Advanced Concert Orchestra**  
*Advanced Concert Orchestra is a high school credited course.*

Students in this course will demonstrate an advanced level of proficiency on violin, viola, cello, bass, piano, or harp. Students accepted into this course must have earned an A or better in Concert Orchestra during their 7th grade year. Students should be prepared to complete a rigorous number of assignments that include the regular middle school performance/activity schedule, plus a music portfolio that may include but not be limited to performance and written assignments. Students should be prepared to complete the requirements of their Concert Orchestra class, as well as building a portfolio that will include performance and written components.

**Grade Level: 8**

**Prerequisites:**

- *Must have earned A or better in a 7th grade orchestra course*
- *Audition requirement assessed by committee of middle school and high school directors*
- *Permission of instructor*

#654000

One Semester

0.5 Elective Unit

**General Music**

Students learn to appreciate the role of music in people's lives, how to communicate through music, respond to music, and the value music. Students will study musical instruments and identify different styles of music in this course.

**Grade Level: 7**

**Prerequisite: None**

## FOREIGN LANGUAGES

#40001



Two Semesters 1 Elective Credit

### French 1

*French 1 is a high school credited course.* The language and cultures of French speaking people come alive in this course, which emphasizes the natural language skills of reading, writing, listening and speaking through the use of technology and learning stations.

**Grade Level: 8**

**Fee: \$15.50**

**Prerequisites:** Students must have a B+ average in the first semester of seventh grade core classes to be eligible for a foreign language plus a recommendation from their seventh grade language arts teacher.

#40011



Two Semesters 1 Elective Credit

### German 1

*German 1 is a high school credited course.* The language and cultures of German speaking people come alive in this course, which emphasizes the natural language skills of reading, writing, listening and speaking through the use of technology and learning stations. The students will be evaluated by their performance in these areas.

**Grade Level: 8**

**Fee: \$25.00**

**Prerequisites:** Students must have a B+ average in the first semester of seventh grade core classes to be eligible for a foreign language plus a recommendation from their seventh grade language arts teacher.

#40021



Two Semesters 1 Elective Credit

### Spanish 1

*Spanish 1 is a high school credited course.* The language and cultures of Spanish speaking people come alive in this course, which emphasizes the natural language skills of reading, writing, listening and speaking through the use of technology and learning stations. The students will be evaluated by their performance in these areas.

**Grade Level: 8**

**Fee: \$16.50**

**Prerequisites:** Students must have a B+ average in the first semester of seventh grade core classes to be eligible for a foreign language plus a recommendation from their seventh grade language arts teacher.

## WELLNESS

#450100

One Semester 0.5 Elective Unit

### Physical Education/Health

This class provides daily activities that allow improvement in the areas of muscular endurance, muscular strength, flexibility, cardiovascular endurance, agility and balance. Participants learn about physical, mental, and emotional wellness, rules, respect, active participation, sportsmanship, responsibility, cooperation and fair play through various individual and team activities. Students will understand and demonstrate behaviors that maintain a health-enhancing level of physical fitness, prevent disease, and speedy recovery from illness. Students will understand that a variety of individual changes occur throughout life and how the human body grows and develops.

**Grade Level: Required 7th grade**

**Fee: Physical Education Uniform \$10.00**

**Prerequisite: None**

#450500

One Semester 0.5 Elective Unit

### Fitness

Students participate in various individual strength and conditioning techniques. This class provides daily activities that allow improvement in the areas of muscular endurance, muscular strength, flexibility, cardiovascular endurance, agility and balance. During the fitness rotations, individual fitness levels are assessed, and structured workouts are organized giving students the opportunity to set goals and achieve personal success.

**Grade Levels: 7,8**

**Fee: Physical Education Uniform \$10.00 (unless purchased in 7th grade)**

**Prerequisite: None**

**\*This is a repeatable course**

#450004



One Semester 0.25 Elective Credit\*

### Advanced Physical Education

*Advanced Physical Education is a high school credited course.* Students will actively participate and complete the expectations of 8th grade Physical Education. Students are also required to be actively involved in a school or community organized fitness program, write a weekly reflection journal and conduct an oral presentation based on community resources and how these resources are correlated with social, emotional, and physical wellness.

**Grade Level: 8**

**Prerequisite:**

**2011-2012 - Teacher recommendation**

**2012-beyond - Must receive a B or higher for a final grade in Physical Education/Health**

**Fee: Physical Education Uniform \$10.00 (unless purchased in 7th grade)**

**\*This course is worth 0.5 units when registering, but counts as 0.25 High School credits on the transcript**