



The Upper Arlington City Schools Middle School Curriculum Overview

January 25, 2019 & January 28, 2019





Welcome

Jason Fine, Jones Middle School Principal

Tammy Yockey, Jones Middle School Asst. Principal

Robb Gonda, Hastings Middle School Principal

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Note Cards provided to write down any questions and get follow up information from your school principal.



Purpose

Provide an overview of courses offered at the Middle Level and provide clarity on educational pathways for student success.



Middle School Philosophy

- ★ Educators committed to young adolescents
- ★ A positive school climate
- ★ An adult advocate for every student
- ★ Family and community partnerships
- ★ High expectations for all
- ★ Realize the power of positive relationships



Personalization

- Comprehensive education which includes curricular, extracurricular, and technology experiences
- An ongoing process
- Schoology (Learning Management System)
- Progress monitoring in Reading and Math using STAR
- Ongoing staff professional development





Advisory

- One of the key elements in both buildings is the development of caring and supportive relationships between students and adult advisors that strengthen social emotional learning skills and build a positive school culture.
 - Q1 – Who Am I? Joy of Learning. Self-Awareness and Self-Management.
 - Q2 – Who Are You? Joy of Appreciating Differences. Social Awareness.
 - Q3 – Who Are We? Joy of Community. Responsible Decision Making. Executive Functioning.
 - Q4 – How Might We Change the World? Joy of Serving Together. Relationship Skills.



Courses at the 7th and 8th Grade Level

Math

Science

Social Studies

Language Arts

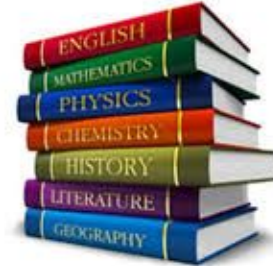
Global Language or Reading

Music / Physical Education

Exploratory Arts Rotation (*Art, Health, Life Skills, Technology and Engineering*)

Study Hall (Flex at JMS/Enrichment at HMS)

Lunch





Math



Typical Math Pathway

6th Grade

Math 6

7th Grade

Math 7

8th Grade

Math 8



Current Typical Math Pathway

6th Grade

Variables & Expressions
Equivalent Expressions
Equations & Inequalities
Two-Variable Relationships
Multiplying Fractions
Dividing Fractions
Fluency with Decimals
Integers
Rational Numbers
Ratios
Rates
Ratio Reasoning
Area
Surface Area & Volume
Data Displays
Measures of Center & Variation

7th Grade

Ratios & Rates
Proportional Relationships
Percents
Adding & Subtracting Rational Numbers
Multiplying & Dividing Rational Numbers
Decimals & Percents
Equivalent Expressions
Equations
Inequalities
Angles
Circles
2- & 3-Dimensional Shapes
Surface Area & Volume
Sampling
Comparing Two Populations
Probability Concepts
Compound Events

8th Grade

Rational & Irrational Numbers
Linear Equations in One Variable
Integer Exponents
Scientific Notation
Proportional Relationships, Lines, & Linear Equations
Systems of Two Linear Equations
Defining & Comparing Functions
Linear Functions
Congruence
Similarity
Reasoning in Geometry
Using The Pythagorean Theorem
Surface Area & Volume
Scatter Plots
Analyzing Categorical Data



7th & 8th Grade Math Pathways

* HS Credited Course

6th Grade

Math 6

Math 6/7

Math 7

Math 7/8

7th Grade

Math 7

Math 7/8

Math 8

Algebra 1*

8th Grade

Math 8

Algebra 1*

Algebra 1*

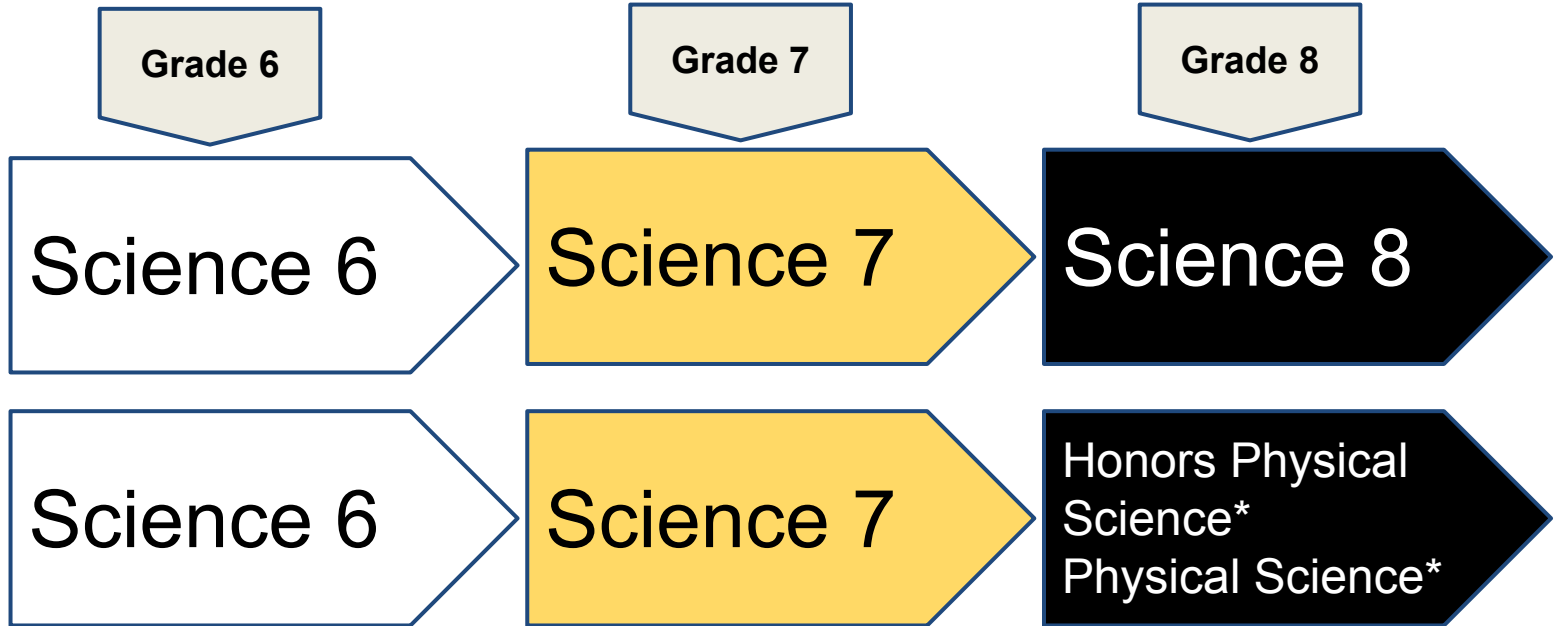
H. Geometry*



Science



Middle School Science Pathways



** Outside work will be required to ensure any missed content from 8th Grade Science is mastered and currently students need to be enrolled in Alg or above. High school credited course.*



Physical Science Course Description

Physical Science is the introductory course in the High School science program. Students enrolled in Physical Science will explore themes related to matter, energy, and the universe. Physics topics covered include mechanics, kinematics, heat, energy, electricity, and waves. Chemistry topics covered include atomic structure, physical and chemical properties/changes, classification of matter, bonding, nomenclature, conservation of mass and matter, and nuclear properties/changes. Universe concepts include galaxy and star formation, stellar evolution, and the Big Bang Theory.



Physical Science Course Description Continued

This course is intended for the student who is interested in a general treatment of physical science processes and concepts. The course is activity oriented, allowing for student involvement in exercises that will increase scientific knowledge and learning skills. The student must often perform laboratory experiments, interpret information, explain experimental evidence, and graph or tabulate data.



Honors Physical Science Course

This course is intended for the student who is science oriented and interested in an in`depth, mathematical treatment of physical science concepts. The course is activity based and is taught using a laboratory approach that requires the interpretation and communication of information using data and analysis. Most labs are inquiry-based and/or require the student to problem-solve and think critically about their experimental design. There is also an emphasis on using mathematical relationships to illustrate and clarify the concepts taught. Students selecting this course should have strong mathematical skills related to graphing, solving algebraic equations, and identifying mathematical relationships.



Social Studies



Social Studies Pathway

7th Grade

World
History

8th Grade

U.S.
History



Social Studies Description

Social Studies 7

Social Studies 7 is an integrated study of world history, beginning with ancient Greece and continuing through global exploration. All four social studies strands are used to illustrate how historic events are shaped by geographic, social, cultural, economic and political factors. Students develop their understanding of how ideas and events from the past have shaped the world today.

Social Studies 8

The historical focus continues in the eighth grade with the study of the early years of the United States (1492-1877). This study incorporates all four social studies strands into a chronological view of the development of the United States. Students examine how historic events are shaped by geographic, social, cultural, economic and political factors.



Language Arts



Middle School Language Arts Pathways

Grade 6

Language Arts
6/Reading

Concilium
Language Arts 6*
/Reading

Grade 7

Language
Arts 7

Concilium
Language Arts
7*

Grade 8

Language
Arts 8

Concilium
Language Arts
8*

* Gifted qualification must be met to be enrolled in this course.



Language Arts Description

Language Arts 6

Students will develop concepts and strategies in language arts through the integration of literature, language, and writing. The course encompasses the study and analysis of fiction- and nonfiction-based literature, grammar usage, punctuation, capitalization and spelling, writing techniques, public speaking and listening skills. Students will focus on descriptive, expository, persuasive, and narrative writing, as well as research skills. Additionally, the course emphasizes literature appreciation, analysis, synthesis and evaluation.

Language Arts 7

Students will develop concepts and strategies in language arts through the integration of literature, language, and writing. They will use process and writing skills such as pre-writing, drafting, and editing to increase their writing abilities. Emphasis will be placed on building vocabulary, utilizing complex sentence structures, and developing higher order thinking skills. Major areas of concentration will be the study and analysis of fiction and nonfiction based literature, building a stronger grammatical foundation, writing techniques, oral presentations that includes various media formats, and listening skills. Descriptive, expository, persuasive, and narrative writing will be completed in various styles and forms, including the effective use of research skills when applicable.

Language Arts 8

Students will review 7th grade grammar and have an introduction of more complicated grammatical concepts, development of vocabulary, contextual meaning of words, and an emphasis on composition, including style, sentence variety and various kinds of exposition. The development of composition will also include a focus on the writing process through expository, narrative/descriptive and persuasive pieces. Literary skills needed for reading nonfiction and fiction materials are emphasized through the study of literature units, cross-curricular units, and independent reading. Students will develop the ability to interpret literary elements and apply learned concepts that will be evaluated through various types of formative and summative assessments.



Global Language



Global Language Pathways

6th Grade

GL Survey

GL Survey

GL Survey

7th Grade

German 1*

French 1*

Spanish 1*

8th Grade

German 1*

French 1*

Spanish 1*

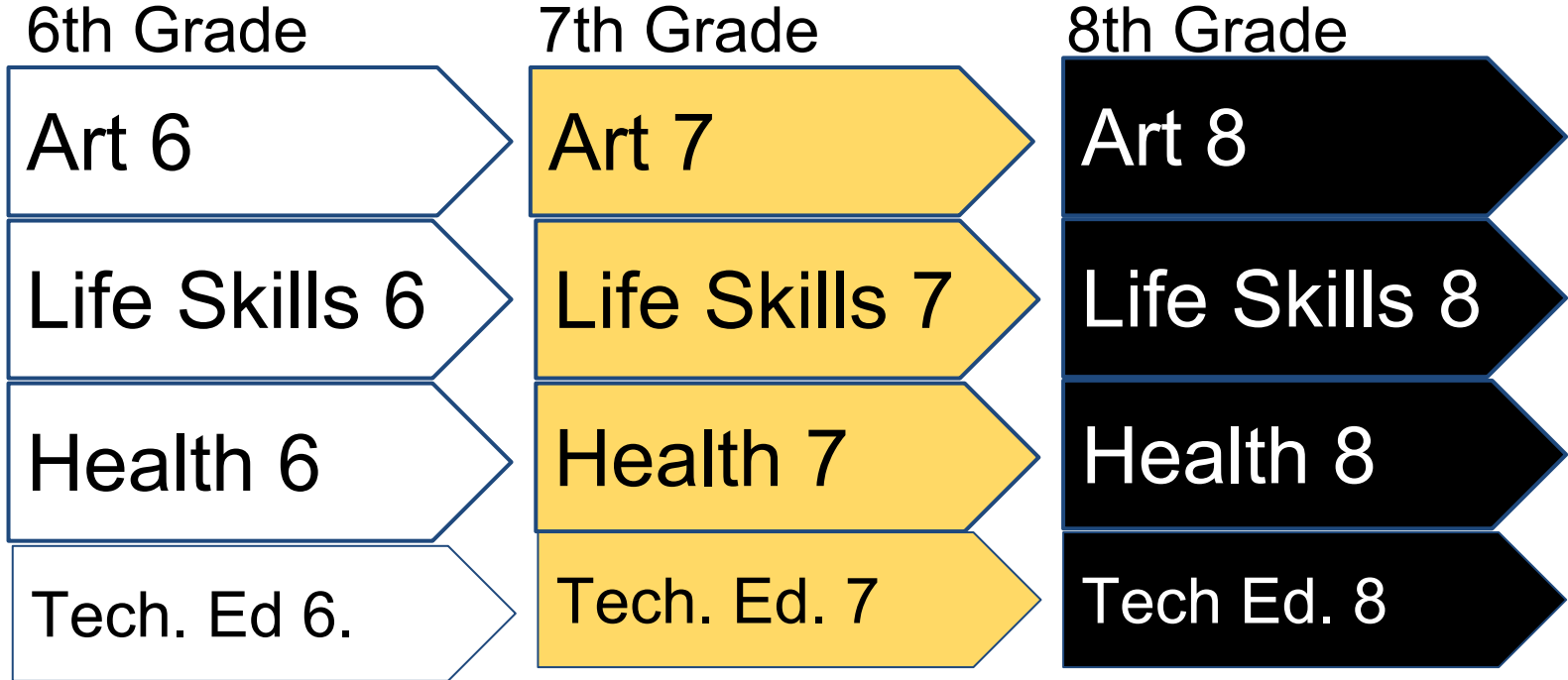
* HS Credited Course



Exploratory Arts



Exploratory Arts Pathways



- *Students take one quarter of four EA courses each year of middle school*



Music / PE



Physical Education/Music AB Schedule

Physical Education

Students participating in middle school Physical Education will learn through various games and activities how to:

- make informed decisions regarding a healthy lifestyle,
- be prepared to be physically active members of society,
- be equipped with the knowledge and skills to be physically active throughout their lifespan,
- value and appreciate healthy lifestyle choices,
- develop skills to pursue a healthy lifestyle that includes physical activity,
- develop the ability to work cooperatively with others while being physically active, and
- set goals and reflect on personal performance.

A/B Schedule- During one period of a student's day there is a rotation between music and physical education. Students are assigned what specific class they take for an "A" day and "B" day.





Music Pathways

6th Grade

Orchestra

Band

Choir

General Music

7th Grade

Orchestra

Band

Choir

General Music

8th Grade

Orchestra

Band

Choir

General Music



Additional Information



Additional Information

- **Acceleration:** Parents interested in discussing a more advanced pathway for your child must contact the building principal and discuss whether single subject or full grade level acceleration is appropriate. A formal process is used to make determination on student placement outside the normal outlined pathways.
- **Scheduling Link:** Team placement is done through a carefully designed process taking into account student strengths and weaknesses and course selections. Although the selection of a team or particular teacher is not available, providing insight into your child for their placement is welcome. Please complete by the scheduling link deadline.



Earning High School Credit in Middle School

District Policy: *Students successfully completing high school courses in middle school, will be granted one high school unit of credit for each course completed. Credit will be awarded and calculated in cumulative grade point average upon entrance to the high school. Students may elect to retake the course at the high school. If a course is retaken, the grade earned in middle school will be removed from the transcript and from the calculation of the GPA and will be replaced by the grade earned at the high school.*





How to calculate GPA?

Honor Roll/Eligibility:

Honor Roll is determined for each nine-week grading period. A student achieves Honor Roll status by earning an average of a 3.5 GPA (no rounding) or higher. All classes count toward Honor Roll. Honor Roll is computed using the table below. To calculate the GPA divide the total points by the total weight factor, 23. Honors classes for high school credit will be calculated at 1.1 times the weight.

<u>Subject</u>	<u>Points</u>	<u>X</u>	<u>Weight Factor</u>	<u>Total</u>
English	_____	x	4	_____
Mathematics	_____	x	4	_____
Science	_____	x	4	_____
Social Studies	_____	x	4	_____
6 th Grade Global Language	_____	x	2	_____
6 th Grade Reading	_____	x	2	_____
7 th or 8 th Grade Global Language or Reading	_____	x	4	_____
Physical Education	_____	x	1	_____
Exploratory Arts	_____	x	1	_____
Band or Orchestra or Choir or General Music	_____	x	1	_____

Total Points _____

Grade	Value	Percentage
A+	4.0	97 – 100%
A	4.0	93 – 96%
A-	3.7	90 – 92%
B+	3.3	87 – 89%
B	3.0	83 – 86%
B-	2.7	80 – 82%
C+	2.3	77 – 79%
C	2.0	73 – 76%
C-	1.7	70 – 72%
D+	1.3	67 – 69%
D	1.0	63 – 66%
D-	0.7	60 – 62%
E	0.0	0 – 59%



Further Questions?

NOTECARDS

THANK YOU FOR COMING!

