

Waynesville Middle School



7th & 8th Grade Scheduling

Waynesville Middle School Program of Studies

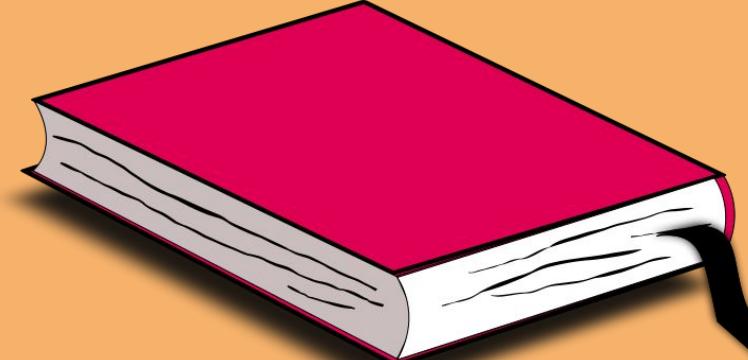


Courses

| | 7th Grade | 8th Grade |
|--------------------------|---|--------------------------------------|
| English | Regular or Advanced | |
| Math | Regular or Accelerated | Regular <u>or</u> Advanced Algebra 1 |
| Science | | Regular <u>or</u> Advanced |
| History | | |
| Elective Required | PE & Health | |
| Elective Choice | <u>Year:</u> Band, Choir, Studio Art <u>Semester:</u> PE, Health (7th only), Art, Robotics & Automation, Design & Architecture, Medical Detectives & App Creators, Ukulele, Student Development (8th only), Spanish 1 (8th only) | |

English

Page 9-11 Program of Studies



- **Progression**

- 6th -ELA 6 or Advanced ELA 6
- 7th - ELA 7 or Advanced ELA 7
- 8th -ELA 8 or Advanced ELA 8

- **Advanced Requirements** - teacher recommendation required

- To be approved students must meet 4 out of the 5 categories:
 1. Work Completion - 90% avg. in each quarter
 2. Formal Assessments - 85% avg. on these assessments in each quarter
 3. Previous AIR Score and the current years' MAP Scores and Benchmark score must be "Accomplished" or "Advanced"
 4. Student Responsibility: Academic Honesty, Participation, Social Maturity, Behavior, Attendance
 5. Reading & Writing Gifted ID

Mathematics – Page 11-12 Program of Studies

- **Math 7 or Accelerated Math 7**
- **Math 7**

- **Builds on prior math learning** with a state standards-aligned curriculum covering rational numbers, ratios and proportions, expressions and equations, geometry, statistics, and probability.
- **Supports student success** by reinforcing key skills

- **Accelerated Math 7**

- **Challenging, accelerated curriculum** combining 7th-grade math and pre-algebra, aligned with state standards and designed to deepen mathematical understanding.
- **Prepares students for advanced coursework** by introducing essential algebra skills.

- **Math 8 or Advanced Algebra 1**
- **Math 8**

- **Aligned with Grade 8 Common Core standards**, this course introduces algebraic concepts through theory, applications, and real-world problem solving.
- **Key topics include** algebraic manipulation, graphing, functions, geometry, statistics, and probability

- **Advanced Algebra 1 – High School Course**

- **Foundational high school math course** focusing on algebraic operations, equations and inequalities, systems of equations, and quadratic relationships.
- **Prepares students for future coursework and graduation**, including readiness for the required Algebra I End-of-Course (EOC) exam.

All students in 7th and 8th grade are required to use a TI-30XIIS calculator.



Grade 7 Math vs. Grade 7 Accelerated Math

beginning 2025-2026

Unit 1

Unit 2

Unit 3

Unit 4

Unit 5

Unit 6

Unit 7

Unit 8

Volume 2

Grade 7
146 days total

| |
|-----------------------|
| Scale Drawings |
| 13 Instructional Days |
| 3 Assessment Days |
| 16 days total |

| |
|--|
| Introducing Proportional Relationships |
| 15 Instructional Days |
| 3 Assessment Days |
| 18 days total |

| |
|-----------------------|
| Measuring Circles |
| 12 Instructional Days |
| 3 Assessment Days |
| 15 days total |

| |
|--|
| Proportional Relationships and Percentages |
| 15 Instructional Days |
| 3 Assessment Days |
| 18 days total |

| |
|---|
| Operations With Positive and Negative Numbers |
| 15 Instructional Days |
| 4 Assessment Days |
| 19 days total |

| |
|--|
| Expressions, Equations, and Inequalities |
| 19 Instructional Days |
| 3 Assessment Days |
| 22 days total |

| |
|-------------------------------|
| Angles, Triangles, and Prisms |
| 15 Instructional Days |
| 3 Assessment Days |
| 18 days total |

| |
|--------------------------|
| Probability and Sampling |
| 17 Instructional Days |
| 3 Assessment Days |
| 20 days total |

7.G.2

7.RP.1-2

7.G.4

7.G.1
7.RP.3

7.NS. 1-2

7.NS.3
7.EE.1-4

7.G.2-3
7.G.5-6

7.SP. 1-8

Unit 1

Unit 2

Unit 3

Unit 4

Unit 5

Unit 6

Unit 7

Unit 8

Unit 9

Volume 2

Accelerated 7
138 days total

| |
|--------------------------------------|
| Rigid Transformations and Congruence |
| 16 Instructional Days |
| 2 Assessment Days |
| + 1 Optional Day |
| 19 days total |

| |
|---|
| Scale Drawings, Dilations, and Similarity |
| 14 Instructional Days |
| 2 Assessment Days |
| + 3 Optional Days |
| 19 days total |

| |
|----------------------------|
| Equations and Inequalities |
| 21 Instructional Days |
| 3 Assessment Days |
| + 2 Optional Days |
| 26 days total |

| |
|--|
| Linear Relationships and Systems of Linear Equations |
| 17 Instructional Days |
| 2 Assessment Days |
| + 3 Optional Days |
| 22 days total |

| |
|----------------------|
| Functions |
| 7 Instructional Days |
| 1 Assessment Days |
| + 2 Optional Days |
| 10 days total |

| |
|----------------------|
| Associations in Data |
| 9 Instructional Days |
| 2 Assessment Days |
| + 3 Optional Days |
| 14 days total |

| |
|-------------------------|
| Volume and Surface Area |
| 11 Instructional Days |
| 1 Assessment Days |
| + 1 Optional Day |
| 13 days total |

| |
|-----------------------------------|
| Exponents and Scientific Notation |
| 12 Instructional Days |
| 2 Assessment Days |
| + 3 Optional Days |
| 17 days total |

| |
|--|
| Pythagorean Theorem and Irrational Numbers |
| 14 Instructional Days |
| 2 Assessment Days |
| + 1 Optional Day |
| 17 days total |

8.G.1-5

7.RP.1-2
7.G.1-3
8.EE.5-6

7.G.5
7.EE.1-4
8.EE.1-2

8.EE.7-8

8.F.1-5

8.EE.7-8
8.G.1-4

7.SP. 1-8

7.G.6
8.G.9

8.EE.3-4

8.NS.1-2
8.G.6-8

Key: G= Geometry

EE= Expressions and Equations

NS= The Number System

RP= Ratio and Proportional Relationships

SP=Statistics and Probability

8th gr standards

Did you know?



Prior to 2025-2026, Waynesville Grade 6 Accelerated Math course included all 6th grade standards and a few additional 7th grade topics. Grade 7 Accelerated included all of 7th grade standards and a few 8th grade standards.

Beginning 2025-2026, Waynesville redefined Grade 6 Accelerated Math course to include all 6th grade standards and half of the 7th grade standards. Grade 7 Accelerated Math includes the remaining 7th grade standards and ALL of 8th grade standards.

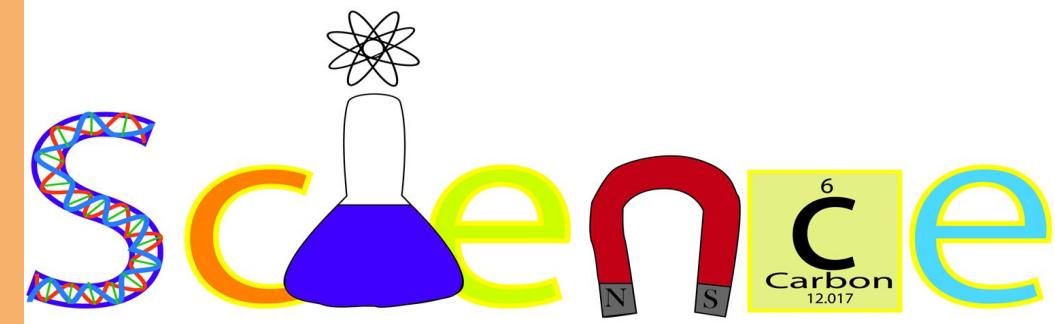
Beginning 2026-27, Grade 7 Accelerated students **WILL TAKE THE 8th GRADE MATH STATE TEST.**

Science

Page 13 Program of Studies

7th - Science 7

- **Explores matter and energy** and how they are used, changed, and recycled through observable patterns in real-world examples.
- **Aligned with state standards**, integrating physical, earth, and life sciences while building inquiry and critical thinking skills.



8th -Science 8 or Advanced Science 8

Science 8:

- **Aligned with Ohio's state science standards**, integrating physical, earth, and life science throughout the year.
- **Key topics include** forces, motion, and energy; Earth's interior, plate tectonics, rocks, and landforms; and cellular reproduction and heredity.

Advanced Science 8:

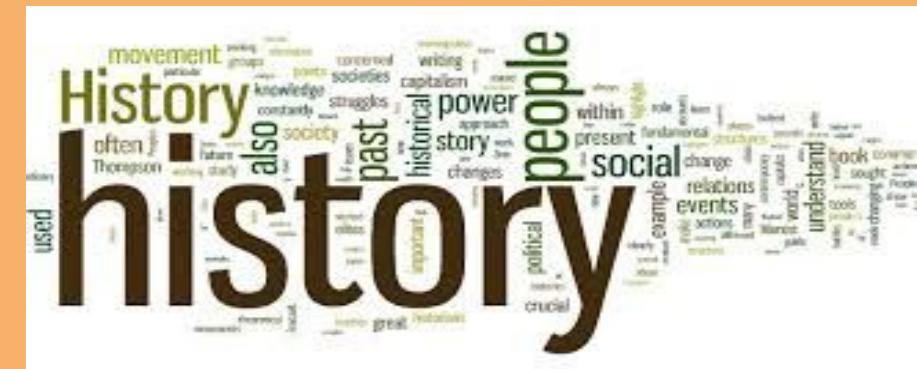
- **For advanced 8th graders** with strong academic performance and teacher recommendation, following Ohio's state science curriculum.
- **Emphasizes advanced learning**, including independent inquiry, experimentation, and long-term projects.
- Teacher Recommendation Required

History Page 14 Program of Studies

6th - Social Studies 6

7th - History 7

8th -History 8



Schedule for 7 period day 2026-27 school year

| | <u>Semester 1</u> | <u>Semester 2</u> |
|---|-------------------|--|
| 1 | | Elective |
| 2 | | English _____ Block Class - 2 periods |
| 3 | | |
| 4 | | Math _____ |
| 5 | | Social Studies _____ |
| 6 | | Science - _____ |
| 7 | | Elective |





7th Grade **Electives**

Page 15-12 Program of Studies



Required: PE & Health (one semester each)

Additional Choices:

2 semester electives

- 7th grade art
- Robotics & Automation
- Design & Architecture
- Medical Detectives & App Creators
- Ukulele

1 year elective

- Band
- Choir
- Studio Art

8th Grade **Electives**

Page 15-20 Program of Studies

- **Fill 2 periods with electives**
 - **4 semester electives**
 - **2 year electives**
 - **1 year and 2 semester electives**

Semester Electives:

- PE
- 8th grade art
- Robotics & Automation
- Design & Architecture
- Medical Detectives & App Creators
- Ukulele
- Student Development

Year electives:

- Band
- Choir
- Studio Art
- Spanish 1 - High School Course & requires ELA teacher recommendation



Scheduling

Timeline

February 17th – Course Request sent home

March 3rd – Course Request sheets are due to homeroom teacher

April – Counselor creates preliminary master schedule

May – Individual student meeting *as needed*

August – Schedule Pick Up & 7th grade orientation

Q & A



SPARTANS
WAYNESVILLE

Middle School Counselor

Becky Sanders

rsanders@waynelocal.net