

Brown County Middle School

**7th Grade Course Guide
2026-2027**



Daily Time Schedule

Period 1 8:20 - 9:08

Period 2 9:12 - 9:57

Period 3 10:01 - 10:46

Period 4 7th Grade Lunch: 10:50- 11:20

Class: 11:24 - 12:33

6th Grade Lunch: 11:24 - 11:54

Class: 10:50 - 11:59

8th Grade Lunch: 12:03 - 12:33

Period 5 12:37 - 1:22

Period 6 1:26 - 2:11

Period 7 2:15 - 3:00

Semester Dates

Semester 1 August 5th – December 18th

Semester 2 January 5th – May 28th

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STUDENT PLACEMENT

Student success in school is dependent upon several variables including student skill, student work ethic, correct placement, and parent support and encouragement. The school works to ensure that students have every chance to succeed. Based on grades, ILEARN, and other test scores, students have been recommended for placement in the appropriate level of math and science. *Administrative approval is required for change.*

Accelerated Math & Science

Brown County Middle School offers an “accelerated” track in 7th grade for math. Students who meet the placement criteria will engage in Math 7 Honors. Placement in these classes requires that students meet the established evaluation criteria.

REQUIRED COURSES

Language Arts 7	2 Semesters
Social Studies 7	2 Semesters
Mathematics 7	2 Semesters
Science 7	2 Semesters
Physical Education 7	1 Semester
Health 7	1 Semester

REQUIRED COURSE DESCRIPTIONS

LANGUAGE ARTS

Language Arts 7

Language Arts 7 is a course based on *Indiana's Academic Standards for English/Language Art* emphasizing reading, writing, speaking and listening in interest- and age-appropriate content. Students develop advanced skills and strategies in reading. They understand comparisons, such as analogies and metaphors, and they begin to use their knowledge of roots and word parts to understand science, social studies, and mathematics vocabulary. They begin to read reviews as well as critiques of both informational and literary writing. They read and respond to fiction selections such as classic and contemporary literature, historical fiction, fantasy or science fiction, mystery or adventure, folklore or mythology, poetry, short stories, and dramas, and nonfiction selections, such as subject area books, biographies or autobiographies, magazines and newspapers, various reference or technical materials, and online information. Students self-select books of interest and read independently for enjoyment. Students develop advanced skills and strategies in language. Using oral discussion, reading, writing, art, music, movement, and drama, students respond to fiction, nonfiction, and informational selections or reality-based experiences, multimedia presentations, and classroom or group experiences. They write or deliver longer research reports that take a position on a topic, and they support their positions by citing a variety of sources. They use a variety of sentence structures and modifiers to express their thoughts. They deliver persuasive presentations that state a clear position in support of an argument or proposal. Students also listen to literature read aloud to them and write independently for enjoyment.

SOCIAL STUDIES

Social Studies 7

Students compare the history, geography, government, economic systems, current issues, and cultures of the Eastern World with an emphasis on: (1) Asia, (2) Africa, (3) the Commonwealth of Independent States, (4) the Middle East, (5) the Pacific

Islands, (6) Australia, and (7) New Zealand. Learning experiences for seventh grade students should help them to make the transition from concrete examples to abstract ideas, concepts, and generalizations. In-depth studies provide greater understanding of environmental influences on economic, cultural, and political institutions. Opportunities to develop thinking and research skills include reading and interpreting maps, graphs, and charts. Decision-making and problem-solving activities include the following: (1) identifying problems, issues and questions; (2) information gathering; (3) hypothesizing; and (4) evaluating alternative solutions and actions.

MATH

Math 7

This class provides a review of basic operations with whole numbers, decimals, and fractions. The study of ratio, proportion, and percent is extended, as is the study of geometry and measurement. More in-depth work with probability, algebra, and statistics is provided. Problem-solving techniques are explored and practiced throughout each unit.

Honors Math 7

Units of study in Honors Math 7 include integers, solving equations and inequalities, using formulas, scientific notation, functions and graphing, fractions, proportions, percent, statistics, probability, geometry, and problem solving. Students must have a teacher recommendation and a grade of *C* or better to take Geometry for high school credit in 8th grade.

SCIENCE

Science 7

Students in seventh grade understand that energy cannot be created or destroyed, but only changed from one form into another or transferred from place to place. They understand forces as they apply to nature and machines. They describe how earth processes have shaped the topography of the earth and have made it possible to measure geological time. They understand the cellular structure of living organisms, from single-celled to multicellular. Science 7 provides learning experiences through which students gain scientific knowledge by observing the natural and constructed world, performing and evaluating investigations, and communicating their findings. Students will learn to use materials and tools safely and employ the basic principles of the engineering design process in order to find solutions to problems. These process skills are integrated into the curriculum along with the content standards in physical science, earth science, life science and science, technology and engineering.

HEALTH AND FITNESS

Health 7 (1 Semester)

It is important for our eighth grade students to continue to build on the foundation learned in 7th grade Health and Fitness. Students will be provided more pertinent and relevant facts and information that will help guide their decision-making process when it comes to their personal health and fitness. Health and Fitness education class is an integrated twelve week course that will provide students with the necessary information to develop the appropriate attitudes and behaviors that will ultimately lead to a more productive lifestyle.

During the physical education sessions, students will not only continue to work on basic motor skills for effective fitness and game play but will also delve into the strategies that will enhance performance. These sessions will continue to focus primarily on fitness education through fitness tests that measure strength, cardiovascular conditioning, agility, speed, and power. Students are required to dress out for each physical education session. Lockers will be provided for them to keep their belongings safe.

The health education sessions will continue to examine some of the most important health aspects facing teenagers today. We will continue to use the following units as our primary curriculum for education: growth and development, mental/emotional health, disease prevention, drugs and alcohol, relationships and personal health. The goal for these health education sessions is to reinforce the right behaviors, attitudes, and choices that will provide our eighth grade students with the tools needed to make healthy choices into adulthood.

Physical Education 7 (1 Semester)

This Physical Education course is designed to provide students with the knowledge, skills, and understanding necessary to lead an active and healthy lifestyle. Through a variety of physical activities, including individual and team sports, fitness training, and recreational activities, students will develop their physical capabilities while also learning about nutrition, mental wellness, and the benefits of maintaining an active lifestyle. Key components of the course include: fitness development and skill-building activities. Students will engage in both practical and theoretical components, taking part in fitness assessments, goal setting, and learning about the importance of regular exercise. The course will emphasize personal growth, teamwork, and building healthy habits for life.

7th GRADE ELECTIVE COURSES

Computer Science 7 - 1 Semester	This course is designed to learn how to collaborate and solve problems using an algorithmic approach. Students at the end of the course will have been introduced to basic computer block coding while designing and modifying mobile-based apps.
Finance 7 - 1 Semester	Students will be introduced to the basics of personal finance; including the concepts of spending, saving, and budgeting. Students will also have an opportunity to become entrepreneurs by evaluating the world around them, identifying problems to solve, building business plans, and creating product prototypes.
Engineering 7 - 1 Semester	In this hands-on course, students will explore the exciting world of design and engineering through the Project Lead The Way (PLTW) curriculum. You'll learn the fundamentals of the design process, from identifying problems to brainstorming and testing solutions. Using cutting-edge tools and technology, you'll develop critical skills in 3D modeling, computer-aided design (CAD), and prototyping. This class is a prerequisite for our 8th grade course Eaglet Manufacturing.
Visual Art 7 - 1 Semester	This one semester course will build upon what students have learned in prior years in Visual Arts. Students will take part in refining skills in ceramics, print & design, and other 2D Art Media as well as exploring new media like jewelry and photography. Students are highly encouraged to have taken Visual Arts prior to this course.
Choir - Vocal Music 7 Year Long <i>Based on student requests.</i>	Choir is offered for 7th and 8th grade students. This class provides group and solo activities and is designed to develop students' musicianship including vocal production, technical skills, and intonation. Students are required to participate in 2 performances each semester (4 per year). Occasionally, there will be other performances out in the community. This is a full year course.

<p>Band - Instrumental Music 7 Year Long</p> <p><i>Based on student requests.</i></p>	<p>Instrumental Music is an ensemble that is open to all 7th graders currently enrolled in Instrumental Music, or by special exemption by the instructor (see Mr. Finley for details). The group will perform music that is more challenging and builds upon the skills learned previously in 7th grade. This group will also have more opportunities to perform outside the school day than in previous years. This is a full year course.</p>
<p>Theater History 1 Semester (Repeatable)</p> <p><i>Based on student requests.</i></p>	<p>Theater History is open to both 7th & 8th grade students. Theater introduces students to the basics of acting, performing and technical theater. This course fosters creativity, confidence, and collaboration.</p>

7th Grade Sample Student Schedule:

PERIOD	SEMESTER 1	SEMESTER 2
1	Language Arts 7	Language Arts 7
2	Social Studies 7	Social Studies 7
3	Mathematics 7	Mathematics 7
4	Science 7	Science 7
5	Physical Education 7	Health 7
6	Elective	Elective
7	Elective	Elective

***Total of 14 credits for the year.**

7th Grade STUDENT ELECTIVE REQUEST FORM:

First & Last Name:	
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DIRECTIONS: All 7th Grade Students will take the following semester-long courses along with PE and Health, unless they choose to take any of the Performing Arts Elective Course listed in the bottom chart.

ALL students complete this table:

Rank 1 through 4 1 - MOST INTERESTED 4 - LEAST INTERESTED	SEMESTER LONG COURSES
	Computer Science 7
	Engineering 7
	Finance 7
	Visual Art 7

ONLY students interested in these optional elective courses need to complete this table, you can select up to two courses. If you take two of these courses you will not be enrolled in any of the rotating elective courses above:

<u>If Interested</u>, select up to 2 1 - FIRST CHOICE 2 - SECOND CHOICE	STUDENT ELECTIVE COURSES
	Band - Instrumental Music 7 Year Long
	Choir - Vocal Music 7 Year Long
	Theater History 1 Semester OR Year Long

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3	Mathematics 7	Mathematics 7
4	Science 7	Science 7
5	Physical Education 7	Health 7
6	Elective	Elective
7	Elective	Elective