

Stanberry R-II Junior High



Course Description Guide

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Stanberry R-II Junior High Courses

English

7th/8th Novels
7th Language Arts
8th Language Arts

Math

7th Math
8th Pre-Algebra
8th Algebra

Science

7th Earth Science
8th Science

Social Studies

7th History
8th History

Music

Junior High Band

Block Exploratory Classes

Guidance
Novels
PE

7th/8th Semester Exploratory Classes

Ag
Art
Careers
FACS
JH Math
Keyboarding
STEM
7-8 Choir

English

7th Language Arts

Full Year

Grade 7

Five divisions of English-Language Arts are explored within this course: literature, composition, language, speaking and listening and spelling. Reading divisions include basic knowledge of literary devices along with reading, comprehending, and analyzing literary, informational, and argumentative text. Students will engage in one novel study using *The Giver*. Writing study includes developing the writing process through writing responses to literature, as well as writing descriptive, narrative, expository and argumentative essays. Language study includes parts of speech, parts of sentences, complex and compound sentences, word usage, vocabulary and mechanics of writing. Speaking and listening includes collaborating in peer groups and presenting. Spelling includes correct spelling, sentence usage, and dictionary skills of commonly used works.

8th Language Arts

Full Year

Grade 8

Five divisions of English-Language Arts are explored within this course: literature, composition, language, speaking and listening and spelling. Reading divisions include basic knowledge of literary devices along with reading, comprehending, and analyzing literary, informational, and argumentative text. Students will engage in one novel study using *The Outsiders*. Writing study includes developing the writing process through writing responses to literature, as well as writing descriptive, narrative, expository and argumentative essays. Language study includes parts of speech, parts of sentences, complex and compound sentences, word usage, vocabulary and mechanics of writing. Speaking and listening includes collaborating in peer groups and presenting. Spelling includes correct spelling, sentence usage, and dictionary skills of commonly used works.

Math

7th Grade Math

Full Year

Grade 7

Junior high Math is offered to all 7th graders and is the normal class progression following their 6th grade year of math. It is a challenging course that builds on the four basic operation and builds a solid knowledge base of how to strategically solve a problem. Junior High Math also offers some upper level concepts that will help ensure better success for their next math class.

8th Grade Math

Grade 8

8th grade Pre-Algebra is a course that builds on previous skills used in everyday math. This course helps build a good algebra base so students will enjoy and thrive in upper level math courses. Emphasis will be placed on real numbers, scientific notation, exponent, algebraic expressions, linear equations, linear inequalities, systems of linear equations, and functions. 8th grade Pre-Algebra class will also introduce and give practice with surface area, volume, and Pythagorean theorem in preparation for Geometry.

8th Algebra

Full Year

Grade 8

Algebra I is a study of the abstract way numbers behave and interrelate. It is designed to develop the ability to think both abstractly and logically. Emphasis will be placed on positive and negative numbers, algebraic expressions, linear and quadratic equations, exponentials, and order of operations. The Algebra I class also introduces and gives practice with area, volume, and surface area in preparation for Geometry.

8th Algebra I does not count toward Stanberry R-II High School's graduation requirements; Stanberry R-II High School's cumulative grade point average (GPA) used to determine class rank.

Science

7th – Seventh Grade Earth Science

Full Year

Grade 7

Earth science is an inquiry-based course designed to introduce students to the processes that shape the Earth, and explain the universe. They will explore the Earth's surface and interior, the theory of plate tectonics, Earth's history, energy resources, the water cycle, atmosphere, weather, and climate. This course will have many hands-on learning opportunities for students as we learn how the world around us works.

8th –Life Science

Full Year

Grade 8

Life science is an inquiry-based course designed to introduce students to fundamental biological concepts, providing practical application of scientific skills and allowing them to explore the basic principles of life science. Students will investigate various topics including the characteristics of living things, cellular structures and functions, plants, heredity, human body systems, and the change in species over time. Students will also be introduced to ecological topics, including ecosystem interactions.

Social Studies

7th History

Full Year

Grade 7

This is an introductory study of the history of the world. The course begins with the people of the Stone Age and traces the development of Ancient Civilizations, beginning with the people of the Fertile Crescent and proceeding through the development of modern world nations. Special emphasis is placed upon themes such as water, geography, trade, communication, and cities as the course travels the worlds of Greece, Rome, Egypt, China, Africa, the Americas, and Europe. Empires and cultures which have influenced world history will be examined.

8th History

Full Year

Grade 8

This course is an introductory study of United States history from the country's origin to the Civil War and Reconstruction. Events, people, foreign policies, and themes are examined to highlight experiences and influences which have shaped American history. Critical issues are interjected to connect learning as the course travels through the Revolutionary War, the War of 1812, the Industrial Revolution, the Age of Jackson, and the Civil War. **Included in this course is a comprehensive three-week study of the United States Constitution with required testing being done; if a test score of 70% or higher is earned, this score will fulfill the state of Missouri's high school graduation requirement for U.S. Constitution testing.**

Music

JH Band

Full Year

Grades 7-8

JH Band is composed of students who have been in band in 5th-6th grade or have previous band experience, and have demonstrated a proficiency in their instrument as well as a positive attitude in band class. This class is designed to build on previously developed musical skills, develop performance abilities, and promote the enjoyment of instrumental music. Students will grow through daily class instruction, as well as consistent practice outside the classroom. Student growth will be assessed in class and through performances in concerts. NOTE: 8th graders have the ability to perform with the high school marching band and pep band, and will practice with them through extra rehearsals. *This class does not count toward Stanberry R-II High School's: graduation requirements; cumulative grade point average (GPA) used to determine high school's class rank.*

JH Band

Full Year

Grades 7-8

This course is designed to teach the history of Western music and its impact on the music we listen to today. Students will be assessed through class projects that explore their interests and expand their knowledge on specific topics. Students will also gain presentation, public speaking, and research skills.

Block Exploratory Classes **(Required for Junior High Students)**

Physical Education/Health

Full Year

Grade 7-8

This class is a combination of both physical education and health; it will meet every other day with all 7th-8th grade girls being in one section and all 7th-8th grade boys being in the second section. The course itself will provide opportunities to experience both winning and losing, to set individual goals, and to take risks in a safe setting. Students will strive toward a better balance of health-related and skill-related fitness in the physical education/health classroom in order to prepare each

7th/8th Grade Novels

Full Year

Grade 7-8

Novels is a course designed to show students the significance of reading books through literary analysis, guided discussion, and engaging activities.

7th/8th Guidance

Full Year

Grade 7-8

This course analyzes how an individual's thoughts, feelings, and behaviors can be influenced by other people, specific situations, and overall environment. It also examines how we think of ourselves and others, the persuasion and influence of others, the impact of friendships/relationships, and establishes coping strategies for everyday life.

Quarter Rotational/Semester Exploratory Classes **(Required for Students Not Enrolled in Either Band or Junior High Choir)**

7th Grade

7th Agriculture

Quarter

Grade 7

Students will participate in the Hunter Education program from the Missouri Department of Conservation. Students will complete the Hunter Education Booklet, along with taking quizzes throughout. They will demonstrate safe gun handling techniques with the use of the MDC non firing weapons, learn about wildlife conservation, and the ethics of hunting and conservation. Students will be required to obtain an 80% or above on the MDC issued Hunter Certification test, to receive their certificate, along with completing the safety skills portion in a safe manner. This class will also contain a unit on combating food insecurity in our state, nation, and world.

7th Art

Quarter

Grade 7

Get ready to build on what you've learned in elementary art! In this semester-long class, we'll dive deeper into different art mediums like drawing, painting, and ceramics. You'll also explore new techniques and develop your skills through hands-on projects. This course bridges the gap between elementary art and what you'll experience in high school, helping you gain confidence in your creative abilities. Through fun projects, you'll have the chance to express yourself and explore new ways to create.

7th Careers

Quarter

Grade 7

The Careers class is designed for junior high students to help them understand various career options available to them. Students will participate in a variety of activities, including career assessments, research projects, guest speakers and career cluster activities. By the end of the course, students will have a better understanding of their own interests and strengths, and be better equipped to make informed decisions about their future career paths.

7th Family and Consumer Science (FACS)

Quarter

Grade 7

This course was designed to incorporate technology and hands on experience and apply them to Family and Consumer Science concepts. We use creativity, problem solving, and computer skills to develop computer code and create individual logos using an embroidery machine.

7th Tools & Tactics:

Quarter

Grades 7

In this engaging, hands-on course, students will discover how math is an essential tool for solving everyday problems. Through real-world applications, they will learn to confidently use mathematical tools to be successful. Problem-solving and project based learning will be the main focus of this class while applying reasoning, critical thinking, and estimation skills.

7th Keyboarding

Quarter

Grade 7

Keyboarding will build on previous skills used in everyday class. This course helps enhance technology foundations so students will thrive in typing, organization, creative platforms, and general keyboard use.

7th STEM

Quarter

Grade 7

With STEM (Science, Technology, Engineering, Mathematics), students will learn inquiry-based approaches to address design challenges. Students will explore STEM careers and work in groups to create projects based on the STEM careers to explore the interests and academic requirements of each field. The library's makerspace area will be utilized as students explore different robots, hands-on activities, and project creations. Design projects will be researched, tested, evaluated, re-designed and tested again.

8th Grade

8th Art

Quarter

Grade 8

In 8th Grade Art, you'll continue to expand your art skills with more advanced techniques and new projects that prepare you for high school art classes. From drawing and painting to ceramics and sculpture, you'll work with a variety of materials to build confidence and refine your creative process. This class will help you find your own artistic voice and give you the opportunity to experiment and grow in a fun, supportive environment. Whether you're already into art or just curious, this class is designed for you!

8th Agriculture

Quarter

Grade 8

This class contains units in introductory agricultural science, plant science, animal science, and agricultural products grown both locally, nationally, and worldwide. Students will also complete a unit on Shielded Metal Arc Welding at the end of the semester.

8th Careers

Quarter

Grade 8

The Careers class is designed for junior high students to help them understand various career options available to them. Students will participate in a variety of activities, including career assessments, research projects, guest speakers and career cluster activities. By the end of the course, students will have a better understanding of their own interests and strengths, and be better equipped to make informed decisions about their future career paths.

8th Family and Consumer Science (FACS)

Quarter

Grade 8

This course was designed to provide students with an exploratory experience of skills and concepts identified within Family and Consumer Sciences. There are four units of study: personal relationships, sewing/clothing care and repair, consumer decisions and foods/nutrition. The course also prepares the student to make decisions and develop independence to improve self-concept.

8th Keyboarding

Quarter

Grade 8

Keyboarding will build on previous skills used in everyday class. This course helps enhance technology foundations so students will thrive in typing, organization, creative platforms, and general keyboard use.

8th Tools & Tactics Part II:

Quarter

Grades 8

This engaging and hands-on class will build upon student's mathematical skills and help them be successful in the real world. Students will learn how to use tools and problem solving techniques to solve real-world problems. Projects will be incorporated into the class where students can reason, critically think, and estimate.

8th STEM

Quarter

Grade 8

STEM (Science, Technology, Engineering, Mathematics) students will learn inquiry-based approaches to address design challenges. In class, students will problem solve, discover, explore, and innovate through the different academic content areas. Students will explore STEM careers and work in groups of 3-5 to create projects based on the STEM careers to explore interests and academic requirements of each field. The library's makerspace area will be utilized as students explore different robots, hands-on activities, and project creations. Design projects will be researched, tested, evaluated, re-designed and tested again. Students will create and share their projects to others after being the developers of their project. We will broaden student understanding of computer science concepts learning about coding, technology, and devices to strengthen this skill.