

Middle School Elective Descriptions

In middle school, students have the opportunity to explore a diverse range of courses that cater to their interests and passions. Whether they are looking to enhance their artistic abilities, explore STEM skills, or engage in competitive activities, there is something for everyone. Students should choose at least four electives (some may be alternates) from our offerings, which include both year-long and one-semester courses. When selecting their electives, students are encouraged to designate their preferences, ensuring they have a combination of primary choices and alternate options. Get ready to dive into new experiences and discover your talents! Students will choose a minimum of 4 classes for electives and/or alternates. Students have only two class periods for elective options, if two year long electives are chosen, they will not have any others.

Use the links below to jump to a list of electives.

Table of Contents

[Middle School Elective Descriptions](#)

[New courses we hope to offer but are not sure will be available.](#)

[6th Grade Semester or short term Electives](#)

[7th Grade Semester Electives](#)

[8th Grade Semester Electives](#)

[Year Long Electives for all grades](#)

All students are enrolled in a grade level TigersLead Elective that will include leadership/character, intervention, life skills, etc. in a rotation schedule.

New courses we hope to offer but are not sure will be available.

6, 7, 8	ESports Year long class This will likely be offered at the same time as athletics.	The Middle School Esports course introduces students to the exciting world of competitive gaming while promoting teamwork, strategy, and sportsmanship. Students will learn about various popular esports titles, game mechanics, and the importance of communication and collaboration in a team environment. The course will cover topics such as game analysis, strategy development, and the role of mental and physical health in gaming performance. Students will have opportunities to participate in friendly competitions and tournaments, fostering a sense of community and building skills that can be applied both in and out of the gaming world. This course encourages critical thinking, problem-solving, and the responsible use of technology.
6, 7, & 8	Archery This course will only be a fall semester class.	The Middle School Archery course offers students the opportunity to learn and master the fundamentals of archery in a safe and supportive environment. Participants will develop essential skills such as proper stance, grip, aim, and release techniques while using various types of archery equipment. The course emphasizes safety, discipline, and focus as students practice shooting techniques and engage in target practice. In addition to skill development, students will have the chance to participate in competitive events and tournaments, allowing them to apply their skills in a fun and challenging setting. Emphasis will be placed on sportsmanship, teamwork, and personal growth, as students strive to improve their performance and achieve their goals. This course aims to foster a lifelong appreciation for the sport of archery while promoting physical fitness and mental resilience.
6, 7 & 8	TSA Competition and Production Class Fall and Spring This course may be one semester or all year.	The Middle School TSA Competition and Production course provides students with hands-on experience in design, engineering, and entrepreneurship. Students will work collaboratively to develop and execute projects for various TSA competitions, focusing on problem-solving, critical thinking, and creativity. Participants will engage in research, prototyping, and presentation skills, preparing them for competitive events while fostering a spirit of innovation. In addition to competition preparation, students will also work on producing products for fundraising initiatives. This aspect of the course will teach students about marketing, budgeting, and teamwork as they create items or services to support school programs and activities. By the end of the course, students will have gained valuable skills in project management, collaboration, and practical applications of technology, all while contributing to their school community.

[Back to Table of Contents](#)

Grade	Course	Description
6th Grade Semester or short term Electives		
6	STEM Engineering & Aeronautics	Engineering principles in the fields of cryptology, structural engineering, and aeronautics will be explored. Students will learn about codes and ciphers throughout history and practice both decrypting and encrypting them. Activities leading to the understanding of how forces act on structures will be conducted and a balsa bridge will be built. Students will gain a better understanding of principles of flight through hands-on projects and exploration. Safety is paramount and following instructions is a must.
6	Native American History	This course examines the history, culture, politics, issues, spirituality, sociology and contemporary experience of Native American peoples in North America, with emphasis on Oklahoma's Native American Tribes.
6	Digital Project Based Learning	In this class for digital-based projects using Google tools, students will have the opportunity to unlock their creativity and showcase their innovative ideas through various online platforms like Google Docs, Slides, and Sheets. From designing interactive presentations to collaborating on documents in real-time, students will learn how to harness the power of technology to enhance their learning experience. Through engaging projects and hands-on activities, students will develop essential skills in digital literacy, communication, and teamwork while diving into the exciting world of digital creation. By the end of the course, students will be equipped with the knowledge and tools needed to bring their imaginations to life in the digital realm.
6	PE, Nutrition & Exercise	This course will help students live a healthy lifestyle. Students will learn about Nutrition. How to read labels, eating healthy and meal plans for healthy eating.
6	Outdoor Education	Outdoor education classes offer students a chance to immerse themselves in nature while learning important skills. From obtaining a boating safety license to completing a hunter safety course, students gain valuable knowledge to stay safe and responsible in outdoor activities.
	Back To Table of Contents	

7th Grade Semester Electives

7	STEM Construction Exploration	This course introduces students to essential mathematical skills for construction, focusing on scaling and area calculations. Through practical exercises and hands-on projects (such as a scale model of a house), students will learn to scale measurements accurately, calculate areas of geometric shapes, interpret scaled drawings, and apply math to real-world construction scenarios.
7	American Constitution & Amendments	In this exciting constitution class designed for 7th graders, students will embark on a journey to explore the fascinating world of amendments. Through engaging discussions and activities, learners will delve into the history behind the amendments, their purpose, and the impact they have had on shaping our country. Students will have the opportunity to analyze primary sources, decode complex legal language, and debate the significance of key amendments such as the Bill of Rights. By the end of the course, students will develop a deeper understanding of their rights as citizens and the importance of active civic participation in our democracy.
7	Music Through the Decades	A music appreciation class that delves into the tunes of the past, students embark on a melodious journey through the decades, uncovering the rich tapestry of musical history. From the swinging jazz of the 1920s to the groovy beats of the 1970s, each era brings forth its unique melodies and rhythms, offering a glimpse into the cultural ethos of the time. As students explore the evolution of music styles and genres, they not only sharpen their ears but also develop a deeper understanding of how music intertwines with history, reflecting social movements, technological advances, and shifting cultural landscapes. Through immersive listening experiences and engaging discussions, students in the music appreciation class not only learn to enjoy music but also appreciate its role as a storyteller of the past.
7	Outdoor Education	Outdoor education classes offer students a chance to immerse themselves in nature while learning important skills. From obtaining a boating safety license to completing a hunter safety course, students gain valuable knowledge to stay safe and responsible in outdoor activities.
7	PE and Health	This course will help students develop personal health goals to live a healthy lifestyle. Students will learn about the health triangle, the study of physical, mental and social health.

7	STEM Coding and Robotics I	In a coding and robotics class, students embark on a fascinating journey into the world of technology, creativity, and problem-solving. Through platforms like code.org, they learn to write their own lines of code, bringing their ideas to life. With microbits, they explore the endless possibilities of programming small devices to perform various tasks. Diving into the realm of drones, students experience firsthand how to control these flying machines through coding, mastering the skills needed to navigate the skies and accomplish exciting missions. With coding and robotics, the future is not only in their hands but also at their fingertips, ready to be programmed and explored.
8th Grade Semester Electives		
8	STEM Coding and Robotics 2	In this second level coding and robotics class, students dive into the exciting world of technology through hands-on projects like programming the versatile Activity Bot 360, flying the agile Echo Drones, and building with the advanced Vex Robotics kits. Through these engaging activities, students learn to write code, design algorithms, troubleshoot technical challenges, and collaborate with their classmates to bring innovative ideas to life. These classes not only enhance students' problem-solving skills but also foster creativity and critical thinking essential for success in our digital age.
8	RL & Anatomy	This class is a study of the human body. It's the basic learning of human anatomy and becoming familiar with the body's various systems. Students will learn how the body functions and develop healthy living habits. The other half of this course is an exploration of lifetime recreation and leisure activities.
8	STEM 3D Design and Printing	In a 3D Design and Printing class using Tinkercad, students dive into the exciting world of creating three-dimensional objects using innovative technology. With Tinkercad software, students learn how to design intricate shapes from scratch, modify existing designs, and bring their imaginations to life through 3D printing. By mastering this digital tool, students can explore various concepts in engineering, design, and creativity while honing their problem-solving skills and technological know-how. This hands-on experience in 3D design and printing not only sparks creativity but also introduces students to the endless possibilities of modern technology in shaping the world around us.

8	STEM Energy Exploration	This class is an exploration of renewable energy options that will power our society in the future. You will learn about basic electrical systems, and circuit design. You will also be introduced to different sources of energy that are available. This course is project based. You will build several projects to generate energy, and use them to do work. You will be working with solar panels, electric generator motors, hydrogen fuel cells, and other energy related materials. You will also be working with small, hand and power tools, and sharp instruments. Because of these additional hazards there is a high need for you to be able to follow instructions, and explore safely. Horseplay and disruption can not be part of this class! This is designed to be a fun class for the serious inventor.
8	Marketing Art	Students will learn how to market different products, services, sports teams, and other miscellaneous items that are presented in their everyday lives. Students will creatively think and understand the importance of artwork within the marketing industry. Students will study different human behaviors and their responses to various artwork. My goal for the class is for all students to be able to recognize and create marketing techniques through their own artwork. I would also like to encourage each student to appreciate the time, energy, and dedication successful marketing requires. I hope that they can apply these concepts and ideas to their personal lives.
8	Media Arts	Emphasis will be on establishing a “news station” to deliver current news and announcements to the student body in creative forms, from newsletters and posters to video recordings. We will also explore various uses of media, learn the basics of journalistic writing and find ways to put creativity to use.

[Back to Table of Contents](#)

Year Long Electives for all grades

6, 7 & 8	Athletics (Boys and Girls)	Athletics practice begins at 7:30am all year. Students must participate (practice) in two sports during the year. Playing time is not guaranteed for any age or sport. Most sports require special equipment that must be purchased by players. Sports available include: Fall Season: Softball, Football, Cross Country Winter Season: Basketball, Wrestling, Powerlifting Spring Season: Baseball, Track
6, 7 & 8	Band	The Middle School Band course is designed for students to develop their instrumental skills and musical understanding. Students will learn to play a variety of musical genres while focusing on tone production, rhythm, and ensemble playing. Throughout the year, students will participate in group rehearsals, individual practice, and performance opportunities, including concerts and festivals. Emphasis will be placed on teamwork, discipline, and the joy of making music together. Courses offered at three levels: Beginning, Intermediate and Advanced
6, 7 & 8	Choir	The Middle School Choir offers students an opportunity to explore vocal techniques and harmonization while singing a diverse repertoire. Students will learn proper singing posture, breath control, and music literacy skills, including reading music and understanding rhythm. The choir will perform at concerts and school events, fostering a sense of community and collaboration among students. This course encourages self-expression and confidence through the art of choral singing.
6, 7 & 8	Music Theater	The Middle School Music Theater course combines acting, singing, and dancing to create a comprehensive introduction to musical theater. Students will learn essential skills in performance, character development, and stage presence while rehearsing and performing scenes from popular musicals. The course emphasizes teamwork, creativity, and the importance of storytelling through music and movement. Students will have the chance to showcase their talents in a final performance for peers and family. Students will participate in a musical production.
8	Vocational Ag	The 8th Grade Ag Exploration class is a broad curricular general agriculture course covering units in animal science, record keeping, and plant and soil science. The spring semester is used to study soil science to train for competitions across the state. Students will be FFA members and can participate in the activities throughout the year.

[Back to Table of Contents](#)