



Kamakin Middle School

Course Catalog

8th Grade 2021-2022

MISSION STATEMENT

Every Student Future Ready
 Prepared for College
 Prepared for Global Workplace
 Prepared for Personal Success

2022 Registration Deadlines

Soft Deadline: Jan 24th, 2021

Hard Deadline: Jan 27th, 2021

The Course Catalog is available on our website to view course descriptions:

<http://kams.lwsd.org/kams-academics>

Sample 8th Grade Schedule

Period	First Semester (1st and 2nd Quarter)	Second Semester (3rd and 4th Quarter)
1	English	English
2	U.S. History/ WA State	U.S. History/ WA State
3	Math	Math
4	Science	Science
5	Fitness 7/8	ELECTIVE
6	ELECTIVE	ELECTIVE

ELECTIVE COURSES

7th & 8th GRADE EXPLORE ART

1 SEMESTER

This is for students who are ready to challenge their creativity will enjoy exploring the many avenues of the art world. We'll look at 2D and 3D art forms. If you would like to explore visual art with a lot of variety this is your kind of class. This class will create art with everything from clay sculptures to drawing realistically with shading and perspective. We will also be investigating the history of art from artists and various cultures around the world. Come learn more about the arts and how to use them as an expressive form of communication. This class is a great place to get a base understanding of visual art in a user-friendly atmosphere or a perfect venue to further your skills and interest in the creative field of visual art.

7th & 8th GRADE CERAMICS/POTTERY 1

1 SEMESTER

This is for any students interested in working with CLAY! This class will focus on creating clay artworks from hand-built basics to extensive decoration options and glazing techniques. Students will gain experience in making functional as well as sculptural ceramic pieces using a variety of clay techniques. We will learn some of the science of clay and history of ceramics as an art form and as useful everyday tools. Come and get your hands dirty with fun clay construction experiences!

7th & 8th GRADE DIGITAL VIDEO

1 SEMESTER

This Video Production course enables students to explore multiple elements of video communications, incorporating both the technical and artistic aspects of video media. Topics covered in the course include the use of video equipment and techniques, journalism basics, and broadcast production. Students will work together to create multiple video productions from start to finish including pre-recorded and live school news broadcasts, silent films, sports and music videos, stop-motion animations and more.

7th & 8th GRADE DIGITAL PHOTOGRAPHY

1 SEMESTER

In this introduction to digital photography class students will receive instruction and hands-on experience operating digital cameras and digitally manipulating their pictures using Adobe Lightroom and Photoshop. Students will develop their understanding of how photography is an art form and a tool for communication. Building spatial skills, along with some basic art skills, students will learn how to compose and shoot quality photos, edit them, and present their work. Students will learn about photography artists through history as well as the science that allows photos to be taken and manipulated. Students will be able to use cameras provided in the classroom for this course.

7th & 8th GRADE CULINARY ARTS

1 SEMESTER

If you would like the opportunity to advance your skills in the kitchen, this is the class for you. As you develop your skills, you can become more creative with the dishes you prepare. In this course you will have the opportunity to take your previous skills to the next level by planning and preparing your own meals, then demonstrating your consumer awareness through grocery and product selection. In addition, you will become familiar with various careers and opportunities in the food industry.

7th & 8th GRADE FOOD- INTERNATIONAL

1 SEMESTER

If you would like to travel the world together tasting the different kinds of foods from many cultures, this is the class for you! This semester course is designed for the student who wishes to prepare a variety of foods originating from all over the world. Various regions of the world will be covered including North America, Latin America, Europe, the Mediterranean, Asia, and the Mid-East among others. Various preparation techniques reflecting individual ethnic cooking styles will also be demonstrated as an essential part of the class. Students will study patterns of family meals, current customs and food habits, and cooking techniques and equipment unique to those countries. Sign up for this class if you enjoy tasting foods.

ELECTIVE COURSES

7th & 8th GRADE ROBOTICS 1

1 SEMESTER

In this Project Lead the Way (PLTW) course students will engage in activities that build knowledge and skills in design, computer science, engineering, problem solving, critical and creative thinking, communication, collaboration and perseverance. Students will learn about the history and impact of automation and robotics as they explore mechanical systems, energy transfer, machine automation, and computer control systems. Using the VEX Robotics platform students will apply what they know to design and program various robotics productions including drag racers, light controls, mechanical arms, simulated space stations, rovers and more!

7th & 8th GRADE ROBOTICS 2

1 SEMESTER

This course is for students who have completed one semester of Robotics. In this class, students will continue working with the VEX Robotics platform to explore and engage in more complex design and programming challenges.

7th & 8th GRADE TECH FOUNDATIONS

1 SEMESTER

Formerly known to students as STEM1, this course covers a large survey of multiple engineering topics focusing on the engineering design process. Areas of study include: Design and Modeling, Flight Science, Computer Programming, and Digital Media. Students will work together to creatively solve real-world problems through projects including 3D modeling, RC car demolition derby, rockets, drone flight, and more!

7th & 8th GRADE DESIGN AND MODELING

1 SEMESTER

Formerly known as STEM2, this is course is a continuation of Tech Foundations. This course takes a deeper dive into previous skills and topics explored in Tech Foundations/STEM1. Students will follow the engineering design process working individually and in teams to solve a variety of real world problems through projects including 3D modeling, laser inscribing, investigating flight dynamics through designing and building drones, coding autonomous drone flight patterns, microcontroller programming and more!

7th & 8th GRADE TEAM SPORTS

1 SEMESTER

Students in Team Sports will learn and apply physical fitness concepts, principles and strategies that promote lifelong fitness. Emphasis in Team Sports will be on improving skills such as throwing, catching, striking and kicking. Students will apply skills in a variety of team sports and will be introduced to regulation rules and advanced play. This course is designed to be a competitive class and will present the opportunity for all students to participate in a variety of team sports. Emphasis will also be placed on teamwork, sportsmanship, healthy competition, and improving skills through participation and practice. Activities may include the following: basketball, volleyball, flag/flash football, softball, floor hockey, soccer, ultimate Frisbee, and soft lacrosse.

7th & 8th GRADE CROSSFIT TRAINING

1 SEMESTER

Students in Weight Training & Conditioning will learn and apply physical fitness concepts, principles and strategies that promote lifelong fitness. Emphasis will be placed on strength training, circuit training, core development and aerobic activities. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness and movement activities for a lifetime. This course is designed for the self-motivated individual who would like to improve their physical fitness. Students will become familiar with body/muscle anatomy, cardiovascular development, weightlifting terms, techniques, and routines, as well as safety aspects associated with weight training. This is a great opportunity for students to enhance their personal fitness, individual skills and to work with others in a partner setting.

ELECTIVE COURSES

7th & 8th GRADE INDIVIDUAL/DUAL SPORTS

1 SEMESTER

This course is designed for the self-motivated individual who would like to improve their physical fitness. Emphasis will be placed on cooperative play and aerobic activities. This class will also provide opportunities for all students to learn fundamental techniques, rules, and strategies used in individual and dual sports. Units may include tennis, bowling, badminton, archery, pickleball and Frisbee golf. The development and practice of skills through competitive play will be offered. This is a great opportunity for students to enhance their personal fitness, individual skills and to work with others in a partner setting. This course is designed for the self-motivated individual who would like to improve their physical fitness.

7th & 8th LEADERSHIP 1

1 SEMESTER

Leadership 1 is a semester class that gives students the opportunity to learn new ways in which they can become successful leaders at Kamiakin, in their community, family, and personal relationships. Based on the idea that true leadership is about serving others, this course will focus on understanding personality traits, character development, personal growth, and building strong relationships and teams. Also covered will be listening and speaking skills, conflict mediation, diversity acceptance, and a community service project. Students will be responsible for organizing and helping with student recognition. In addition, students will learn important key ideas to gain influence and have fun serving your school.

7th & 8th LEADERSHIP 2

FULL YEAR

Leadership 2 is a yearlong class for responsible and innovative 7th & 8th graders who want focus on integrating servant leadership principles into their own lives, the Kamiakin school community, and the greater Kingsgate community. ASB officers will be in this class and students will gain important communication skills, identify the qualities of strong teams, and practice strategies to build their character. In addition to being role models for their peers, all members of the leadership 2 class are also expected to help plan and participate in school-wide initiatives and activities such as assemblies, dances, charity drives, student recognition events, ASB events, lunchtime activities and ongoing community building. If there are more students than the class can accommodate a lottery will be used to determine placement. Come have fun, work hard, and make Kamiakin a better place with the ASB officers!

PEER TUTOR PROGRAM

1 SEMESTER

Prerequisites: A desire to support other students and to gain a better understanding of individuals with disabilities
Ability to work responsibly and to follow adult directions. Peer Tutors support student learning in the Transition Program. This elective is designed for responsible and caring students who wish to gain skills in serving as positive role models and peer mentors by assisting students in the Transition Program. Subjects that students in the Transition Program need support with include reading, math, writing, social skills, functional life skills. Peer tutors also support Transition students in elective or other General Education classes (Ex. Fitness, Art, Foods, Science). You may be supporting students with their work or may be part of the class to model appropriate student behavior and encourage other students to participate more fully.

- Essential Understandings/Critical Content -The essential understandings for this course are based on the students' role in the peer tutor program
- Major Assignments/Projects/Assessments -Daily attendance/participation

AVID

FULL YEAR

AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society." AVID (Advancement Via Individual Determination) is a rigorous academic elective designed with

ELECTIVE COURSES

underrepresented college-going students in mind. The purpose of the elective is to teach and practice explicit skills around writing, inquiry, collaboration, organization, and reading.

Music

6th,7th,8th ORCHESTRA

FULL YEAR

The string orchestra is an excellent opportunity for students to expand their musical repertoire from all periods of history and musical styles while obtaining more advanced skills. The class will focus on musicianship and ensemble playing with an emphasis on technical skills such as intonation, vibrato, shifting and bow technique. We will perform at school concerts and district festivals. Opportunities to join the district honor group and to play at the solo/ensemble festivals are available for more advanced students.

8th GRADE WIND ENSEMBLE

FULL YEAR

Members of this ensemble work to attain the highest musical standards and rehearse daily to refine instrumental skills in order to perform advanced literature for appreciative audience and professional adjudicators. The Kamiakin Wind Ensemble performs at quarterly concerts and represents our school and community at band festivals in either Washington, Oregon or Canada. Formal tuxedo-style vests and ties are worn to illustrate the professional approach this band brings to each and every concert. The Wind Ensemble is known for bringing emotion and excitement to the compositions they study. From their thrilling rendition of “Pirates of the Caribbean” to the proud marches and exciting overtures they offer adjudicators, emphasis in this course is on musical communication within the group and to an audience. After many years together, the Wind Ensemble enjoys the close-knit feeling of “family” as they complete their middle school band experience and look forward to the excitement of high school band.

6th,7th,8th JAZZ ENSEMBLE

FULL YEAR

This group is a busy ensemble with at regular concerts, community events, fundraisers and school functions. The main focus throughout the school year will be on the famous “big band” styles of Count Basie, Duke Ellington, Louis Armstrong, and other notable big bands. Kamiakin’s Jazz Ensemble also breaks into smaller groups to study “combo” and “Dixieland” styles. Opportunities for improvisation abound in all types of jazz offered as Kamiakin’s jazz musicians maintain a tradition of excellence. Students must audition for our award-winning Jazz Ensemble are expected to have attained a reasonable amount of skill and technique on their instrument to perform selections acceptably.

6th, 7th, 8th CHORUS 1

FULL YEAR

This ensemble rehearses and performs choral literature representing various musical periods and styles. Emphasis is placed on developing vocal technique and musicianship. In addition to performing at the four quarterly concerts, this choir performs at various community events and festivals. Students enjoy working together to create high quality music and develop independent vocal and listening skills

World Languages

8th GRADE SPANISH I

FULL YEAR

Eighth graders may enroll in Spanish provided they have strong language arts abilities and disciplined study skills. Washington state’s four-year, public universities require a minimum of two years of a World Language to be taken prior to admission. Three years are recommended and required by some colleges and universities. This course is equivalent to one year of beginning high school world language. It emphasizes communicative activities taught in

ELECTIVE COURSES

concept-based units. The district adopted curriculum, Paso A Paso, provides the basis of the course. Language acquisition is developed through the natural sequence of listening, speaking, reading, and writing. Understanding and appreciation of Hispanic culture develop as student's study and experience it firsthand. The course demands good study skills with daily homework and classroom accountability. This course is not appropriate for Spanish speakers. Students must achieve at least a C grade and obtain teacher recommendation to advance to Spanish II.

8th GRADE FRENCH I

FULL YEAR

This class is a first-year high school level course. Students are expected to allow for a minimum of 30 minutes of homework/review each night. Students must purchase a workbook to be used in class. Course Description This course is equivalent to one year of beginning high school world language. It emphasizes communicative activities taught in concept-based units. The district adopted curriculum, Bien Dit, provides the basis of the course. Language acquisition is developed through the natural sequence of listening, speaking, reading, and writing. Understanding and appreciation of Francophone culture develop as student's study and experience it firsthand. The course demands good study skills with daily homework and classroom accountability. Students may enroll in French provided they have strong language arts abilities and disciplined study skills.

8th GRADE REQUIRED CLASSES (Class of 2026)

8th GRADE MATHEMATICS

FULL YEAR

In this course instructional time focuses on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation and solving linear equations and systems of equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

GEOMETRY

FULL YEAR

Prerequisites: Algebra I

In Geometry, students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The course focuses on six critical areas: (1) using previous experience with rigid motions, students develop notions about what it means for two objects to be congruent, establish triangle congruence based on these rigid motions along with formal constructions, and use this as a familiar foundation for the development of formal proof, solving problems and proving theorems about triangles, quadrilaterals, and other polygons; (2) build a formal understanding of similarity, using earlier experience with dilations and proportional reasoning, and apply similarity to right triangle trigonometry and the Pythagorean Theorem, and use the Laws of Sines and Cosines to find missing measures; (3) work with the geometry of two- and three dimensional objects, as well as shapes of cross-sections and the result of rotating a two-dimensional object about a line; (4) build on the previous work with the Pythagorean Theorem to find distances and use a rectangular coordinate system to verify geometric relationships, including properties of special right triangles and quadrilaterals, slopes of parallel and perpendicular lines, and the connection of geometric and algebraic definitions of the parabola; (5) prove basic theorems about circles, and use coordinate geometry to find equations of circles and determine intersections between lines and circles or parabolas, or between two circles; and (6) compute and interpret theoretical and experimental probabilities of compound events to make informed decisions, and make use of geometric probability models whenever possible. The Mathematical Practice Standards apply throughout the course, and together with the content standards allow students to experience math as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

8th GRADE REQUIRED CLASSES (Class of 2026)

8th GRADE SCIENCE

FULL YEAR

Students in 8th grade science develop understanding of key concepts to help them make sense of life, earth and physical science. Science concepts and processes introduced in grades K-5: Physical, Earth and Life Science, are investigated with increasing depth where students plan and conduct their own experiments, devise data tables, analyze data and communicate the results they obtain. Through hands-on lab activities, class discussions, individual and group projects and activities, students investigate science topics relevant to their own lives and build understandings. We follow the Next Generation Science Standards utilizing crosscutting concepts, and science/engineering practices, embedded in the disciplinary core ideas. The science strands/modules include: Properties of Matter (Physical Science), Earth in Space (Earth Science), and Human Body Systems (Life Science).

8th GRADE ENGLISH

FULL YEAR

This course focuses on meeting the requirements of the state in the areas of both reading and writing. Students will gain strategies for reading comprehension, annotation and analysis through the reading of short stories, poetry, *To Kill a Mockingbird* and *Hotel on the Corner of Bitter and Sweet*. Students will focus on writing in the areas of narrative, expository and argumentative in connection with the concurrent reading.

8th GRADE U.S. HISTORY II

FULL YEAR

This course focuses on American History from Reconstruction to present. Units of study include topics such as Westward expansion, immigration, WWI and WWII, The Great Depression and the Civil Rights era. Washington State History will be studied at the beginning of the year as well as embedded throughout the American History curriculum. Passing both semesters of Social Studies in 8th grade is necessary in order to receive credit for high school in the area of Washington State History. Failure to do so will result in summer school or independent study in 9th grade. Students will read primary source documents as well as non-fiction text and will write multiple expository essays throughout the year. National History Day will take place at the beginning of the year and instruction will focus on research and analysis.

FITNESS 7/8

1 SEMESTER

In grade eight, students demonstrate competence in skillful movement in game situations and in a variety of recreational activities. They transition from modified versions of movement forms to more complex applications across all types of activities. Students demonstrate the ability to assume responsibility for guiding their own learning as they apply their knowledge and abilities to create a practice plan to improve performance in selected physical activities. Students are able to set goals, track progress, and participate in these activities to improve health-related fitness.

Fitness Level I | Power Standards

Develops motor skills and movement concepts as developmentally appropriate.

Acquires the knowledge and skills to safely participate in a variety of developmentally appropriate physical activities. Understands the components of health-related fitness and interprets information from feedback, evaluation, and self-assessment in order to improve performance.

Understands the components of skill-related fitness and interprets information from feedback, evaluation, and self-assessment in order to improve performance.

Individual, team sports, recreational activities emphasizing both competitive and noncompetitive activities.

Emphasis on social interaction, sportsmanship, conflict resolution, goal setting and team building and class participation.

SPECIAL EDUCATION

The special education courses that Kamiakin offers are based on the Individual Education Plans (IEPs) of our students. For this reason, we are not able to publish which special education courses will be offered at Kamiakin for next year. We develop our special education course offerings in April/May of each school year after we have had an opportunity to review the needs of our incoming students

Placement decisions for classes are based on IEP team decisions.

QUEST

6th, 7th, 8th Grade LWSD Quest

Quest is open to all students residing within the district who meet district criteria for identifying highly capable students. Applicants must apply through the Quest office and must demonstrate high academic achievement and cognitive ability. Quest offers acceleration and enrichment of core curriculum in the areas of language arts, social studies, and science. Providing academic challenge for highly capable learners, classes include greater breadth and depth of subject matter, a wide variety of learning processes and teaching methods, and high expectations for student work and achievement. The core classes in the Quest program demand students use full intellectual capacity to stretch their minds beyond the bounds of the traditional middle school curriculum. Students engage in critical thinking, reading and writing activities that are more often found in high school classes. They are expected to be self-directed, maintain above average grades, and complete quality work.