



Kamakin Middle School

Course Catalog

7th 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 7th Grade Schedule

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

ELECTIVE COURSES

society.” AVID (Advancement Via Individual Determination) is a rigorous academic elective designed with 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.

7th GRADE SYMPHONIC BAND

FULL YEAR

Kamiakin’ s Symphonic Band is open to all 7th grade instrumentalists who have completed 6th grade band. Symphonic Band rehearses daily in order to perform for quarterly concerts, community functions, Seattle Center’s “Winterfest” (road trip!), and the district’s Solo/Ensemble festival. The musical selections studied and worked on by the Symphonic Band are more advanced and are chosen to highlight the band’s overall sound as well as individual members as soloists. Symphonic Band members delve into musical sophistication through medium-advanced band repertoire, contemporary movie scores, solos, basic music theory and conducting. Playing beyond just “notes and rhythms”, the band analyzes the emotion and intent conveyed by composers and learns to convey those messages to our audience. Selected members may perform with the Washington Jr. All-State Band in Olympia.

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

7th GRADE REQUIRED CLASSES (Class of 2027)

7th GRADE MATHEMATICS

FULL YEAR

In this course students build on their understanding from 6th grade by focusing on four critical areas: (1) develop understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers (explain the rules for adding, subtracting, multiplying, and dividing with negative numbers) and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

ALGEBRA

FULL YEAR

Prerequisites: Aptitude test, math grades, state assessment Algebra 1 formalizes and extends the mathematics that students learned in the middle grades. The course focuses on five critical areas: (1) develop fluency writing, interpreting, and translating between various forms of linear equations and inequalities, and simple exponential functions, and using them to solve problems; (2) compare and contrast linear and exponential functions, translate between different representations, use function notation, and interpret arithmetic sequences as linear functions and geometric sequences as exponential functions; (3) using regression techniques to describe linear relationships quantitatively and make judgments about the appropriateness of linear models; (4) extend the laws of exponents to rational exponents, see structure in and create quadratic and exponential expressions, and solve equations, inequalities and systems of equations involving quadratic expressions; and (5) compare quadratic, linear, and exponential functions to model phenomenon. They also identify the real solutions of quadratic equations as the zeroes of a related quadratic function and expand their experience to more specialized functions – absolute value, step, and those that are piecewise defined. 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.

7th GRADE SCIENCE

FULL YEAR

Students in 7th 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: Energy, Machines and Motion (Physical Science), Catastrophic Events (Earth Science), and Population and Ecosystems (Life Science).

7th GRADE ENGLISH

FULL YEAR

Students use the Writing Process and the 6+1 Traits of Writing to clearly communicate thoughts, feelings, opinions, and ideas in a variety of writing forms and for different audiences and purposes. Emphasis is placed on expository, persuasive, and summary writing. By employing the 6 Traits of an Effective Reader, they analyze literal and implied meaning of fiction and nonfiction. The class uses computers and/or other technology for problem solving and for presentations. In both, language arts and social studies students will complete all state and district required assessments.

7th GRADE U.S. HISTORY 1

FULL YEAR

Emphasis is placed on these areas: Events and ideas leading to the development of a constitutional form of government, American Revolution, Rise of Industry, Civil War, Reconstruction, as well as U.S. geography and current

7th GRADE REQUIRED CLASSES (Class of 2027)

events. Students form critical questions and seek answers by gathering, analyzing, and interpreting information regarding history, geography, culture, civics, and economics. In addition to their own cultural heritage they study people of diverse backgrounds and abilities. Major Assignments and Projects Individual and group projects Passion Project, Several multi-paragraph writing assignments Exams: short answer, extended answer, multiple choice, true/false, Writing, reflections/portfolio

FITNESS 7/8 1 SEMESTER

In grade seven, students continue to develop competence in modified versions of various games and recreational activities. They can apply similar concepts from one sport or movement setting to another. Students continue to develop responsible personal and social behaviors by demonstrating decision-making skills, conflict-resolution skills, appropriate etiquette, and respect for others. Students achieve and maintain personal fitness standards and set reasonable and appropriate goals for improvement or maintenance of 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.
- Activities/Challenges
 - 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.
 - Fitness testing and goal setting

HEALTH

1 SEMESTER

7th grade students acquire the skills to live safely and reduce health risks. Health I explain the relationship of nutrition and food nutrients to body composition and physical performance. Student will learn the foundations of health and analyze personal behaviors. Stages of growth and development will be explained in this semester long course. Students will be taught the concept of prevention and control of disease.

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.