



*Welcome to Kirkland Middle School*



**7<sup>th</sup> Grade**  
**Course Catalog**  
**2021 – 2022**

## **Kirkland Middle School Course Requirements**

All students are required to complete the requirements shown on the following chart:

<b>US HISTORY 1 (FULL YEAR)</b>	<b>ENGLISH 7 (FULL YEAR)</b>	<b>7<sup>TH</sup> GRADE MATH (FULL YEAR)</b>
<b>SCIENCE 7 (FULL YEAR)</b>	<b>PHYSICAL EDUCATION (ONE SEMESTER)</b>	<b>ELECTIVE CHOICES (1.5 CREDITS)</b>

### **7<sup>TH</sup> GRADE LANGUAGE ARTS/ UNITED STATES HISTORY**

FULL YEAR (TWO SEMESTERS OF EACH CLASS)

The purpose of the block format is not only to integrate these two disciplines, but also to infuse them with appropriate elements from the arts. Seventh grade students examine United States history beginning with a review of the Revolutionary War and ending with Reconstruction. Throughout the year emphasis is placed upon a thorough understanding of the United States Constitution, westward movement, and the Civil War. The social studies curriculum is supported and enriched with literary works representing a variety of genres. A minimum of four major literary studies will be completed, drawing from titles such as April Morning, Chains, Fever, 1793, Woods Runner, The Outsiders, and Hunger Games. The writing process and a variety of writing forms will be taught and practiced, with special emphasis on the five- paragraph essay. To support the writing process, vocabulary, grammar, and the conventions of language are taught and reinforced throughout the year. Students will engage in individual and small group projects that will require them to practice their ethical research skills.

**Note:** Students who consistently achieve and perform at a Level 4, complete all coursework in a timely fashion, and participate fully in all class activities will receive an Honors designation on their report cards.

#### **ENGLISH LEARNER**

FULL YEAR (2 SEMESTERS)

The English Learner (EL) program empowers EL students to both participate in classroom curriculum and attain English proficiency through language and academic support from highly-qualified EL teachers. Students are provided with varying levels of support based on their individual needs, language proficiency level, and grade level.

### **MATHEMATICS**

The Kirkland Middle School math curriculum is comprised of the following courses: 6th Grade Math, Extended Math 6<sup>th</sup>, 7<sup>th</sup> Grade Math, Extended Math 7<sup>th</sup>, 8<sup>th</sup> Grade Math, Extended Math 8<sup>th</sup>, Algebra and Geometry, these courses are consistent with the Lake Washington School District adopted curriculum and align with the LWS District Curriculum Frameworks document and the Common Core State Standards (CCSS). Math is sequential, and mastery of basic skills and concepts is essential to succeed in the next course. All Lake Washington Middle School mathematics courses are designed to teach and assess Common Core State Standards (CCSS). Math is sequential and mastery of basic skills and concepts is essential to succeed in the next course. All Lake Washington

Middle School mathematics courses are designed to teach and assess: Reading and interpreting mathematical materials; writing procedures and explanations; reading and understanding directions; labeling all answers appropriately; showing all work. Analyzing, displaying, reading, and interpreting data sets using graphs, charts, tables, and equations. Responding to short answer and extended response questions using standardized scoring guides. Using appropriate calculators for each course.

## **7<sup>th</sup> GRADE MATH**

FULL YEAR (TWO SEMESTERS)

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. Daily homework (up to 30 minutes) reinforces classroom lessons on concepts through review, skill practice, and projects demonstrating practical applications of math. Each student needs to have their own scientific calculator (TI-30)

## **ALGEBRA**

FULL YEAR (TWO SEMESTERS)

Prerequisites: Algebra 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. Students should plan for up to thirty minutes of homework each day. Each student is expected to have his/her own scientific calculator but will be best served if they have access to a TI-84 at home.

## SCIENCE

### **7<sup>TH</sup> GRADE SCIENCE**

FULL YEAR (TWO SEMESTERS)

Students in 7th grade science develop understanding of key concepts to help them make sense of life, earth and physical science. The ideas build upon students' science understanding from earlier grades and from the disciplinary core ideas, science and engineering practices, and crosscutting concepts. While 7th grade maintains the themes of matter and energy flow within and between systems, the year is divided into larger isolated systems and the processes that occur within those systems over time.

The science strands/modules include: Climate Change, Fields of Force and Non-Contact Forces, Geologic Change, Chemical Reactions, Chemical Reactions in Living Things, and Heredity.

## FITNESS

Fitness/Physical Education is designed to promote a level of fitness and appreciation for our physical potential. Fitness classes are designed on a co-ed basis with activities taught in three-week units. At some time during the three years, each student will be exposed to as many sports and activities as we can possibly provide.

### **FITNESS**

GRADE 7/8: HALF YEAR (1 SEMESTER)

Fitness is a one semester class in which effort, positive attitude, sportsmanship, and cooperation are taught through participation in team and individual sports. Each student's grade will reflect his/her ability to meet specific individual goals and corresponding point values. This method of evaluation allows each student to have control of his/her grade regardless of physical ability. Activities during the semester include: Softball, Floor Hockey, Track/Field, Basketball, Badminton, Speed-a-way, Table Tennis, and Body Conditioning. In Physical Education, students are required to dress appropriately and participate in class each day. The required uniform includes a KiMS Fitness T-shirt -\$5.00 and shorts- \$7.00 (which can be purchased in the main office) socks, and tennis or athletic shoes. The school provides a combination lock and basket to secure clothing. A \$7.00 fee is charged for lost locks. All personal belongings should be clearly marked for identification. Special athletic equipment is provided by the school.

PE Uniform Required \$12

## SPECIAL EDUCATION

In order to sign up for Special Education courses a student must currently be on an Individualized Education Plan (IEP) and be identified with a learning disability or handicapping condition in any of the following areas- reading, written expression, oral expression, listening comprehension, math, social skills, adaptive skills, behavior and/or executive functioning.

### **SPECIAL EDUCATION LANGUAGE ARTS /READING/WRITING**

FULL YEAR (TWO SEMESTERS)

\*FOR STUDENTS CURRENTLY ON AN IEP\*

**Prerequisite:** Must be on an IEP and identified with a learning disability or handicapping

condition in the area of reading and/or writing. The curriculum focuses on grade level standards, fundamental reading and written expression, reading comprehension, as well as listening comprehension and oral expression skills. Curriculum and content is based on students' individual IEP goals and changes each year depending on student needs and ability.

### **SPECIAL EDUCATION MATH**

FULL YEAR (TWO SEMESTERS)

\*FOR STUDENTS CURRENTLY ON AN IEP\*

**Prerequisite:** Must be on an IEP, and identified with a learning disability or handicapping condition in the area of Math. The curriculum focuses on foundational and grade level calculation, problems solving and math fluency skills. Curriculum and content is based on students' individual IEP goals and changes each year depending on student needs and ability.

### **SPECIAL EDUCATION OTHER SKILLS**

FULL YEAR (TWO SEMESTERS)

\*FOR STUDENTS CURRENTLY ON AN IEP\*

In order to sign up for Special Education other skills courses a student must currently be on an Individualized Education Plan (IEP) and be identified with a learning disability or handicapping condition in any of the following areas- Executive Functioning, Organization, Behavior, Social Skills, and Adaptive Skills.

**Prerequisite:** These classes are required for students with qualifications in the identified areas of executive functioning, behavior, social skills, and adaptive skills.

**Elective courses with Lab or Material Fees** - Some of the elective courses include an extra payment to offset costs of consumable materials. Please contact the teacher and/or school counselor directly if financial assistance is needed.

## **FINE ARTS**

All courses in Kirkland Middle School's art program are organized to develop the student's skills in the following five areas: art production, visual awareness, art history, art criticism, and art appreciation.

### **ARTS AND CRAFTS**

**GRADES 7, 8: (1 SEMESTER)**

You too can be an artist!!!! Students will complete projects with an emphasis on creativity, imagination and the elements of design. A variety of projects will expand student talents, resourcefulness and abilities. Students will create watercolors, mobiles, drawing, cartooning, print making, collage, and other projects. Lab Fee \$15

### **DRAWING AND PAINTING 1**

**GRADES 7, 8: (1 SEMESTER)**

Discover and develop the artist in you! Modeling (shading with respect to a light source) and color theory are emphasized in drawing and painting projects. Linear and atmospheric perspective techniques are also taught to create an illusion of depth in any subject matter. Proportion of facial

features and rotation of the human head is explored and applied to portraits. Learn how to draw what you see and what you can imagine. Decorate your walls with your own creativity!

Lab Fee \$15

## **DRAWING AND PAINTING 2**

**GRADES 7, 8: (1 SEMESTER)**

**Prerequisite:** Drawing and Painting 1

This class is for students who have taken Drawing and Painting 1. Expand your artistic skills with teacher-directed, and self-directed projects.

Lab Fee \$15

## **POTTERY**

**GRADES 7, 8: (1 SEMESTER)**

Discover the magic of clay! Students will learn what this ancient and versatile material can offer an artist both in its durability and in its beauty. Students will use slab, press-mold, and coil construction to create several projects including coasters, a bell, a mug, a flower vase, a picture, a ceramic box, and other projects. We will also explore firing and glazing techniques.

Lab Fee \$25

## **ADVANCED POTTERY**

**GRADES 7, 8: (1 SEMESTER)**

**Prerequisite:** Pottery

Continue your discovery of the beauty of clay. This class is for advanced students that want to learn more about ceramic art. Students will use slab, press-mold, coil construction and the potter's wheel to create more complex and sophisticated projects. Instruction on firing and glazing techniques will also be reviewed.

Lab Fee \$25

# **PERFORMING ARTS**

Here at KiMS, we offer a variety of performing arts courses that build confidence, poise, self-expression, leadership, and team building skills. Our music program supports learning at all levels, from beginning to advanced musicians. The performing groups play and sing in concerts, festivals, and in the community throughout the year, and musicians are prepared for continuing their musical journeys in high school and beyond. Students interested in learning how to sing or play an instrument may enroll in the courses listed below. If you are a musician with previous playing/singing experience, read the following course descriptions to find the class that best suits you. If you have any questions about course enrollment, please contact Mr. Stedman [cstedman@lwsd.org](mailto:cstedman@lwsd.org) or Mr. Atkins [jatkins@lwsd.org](mailto:jatkins@lwsd.org).

## **DRAMA**

**GRADES 7, 8: (1 SEMESTER)**

Like to act? Want to be a star? This class is for students who enjoy performing in front of peers. It is designed to help students' express thoughts, feelings and ideas through various learning experiences. Students will participate in individual and group exercises with monologue, improvisation, storytelling, skits and much more!

## **BEGINNING BAND**

**GRADES 6, 7, 8: (FULL YEAR)**

This class is for students who have no prior experience playing in band but would like to begin learning a woodwind, brass, or percussion instrument such as flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, euphonium, tuba, xylophone, or drums. Students of any

grade level who would like to begin playing an instrument may enroll, no prior experience necessary. Regular and consistent practice is an expectation of all performing group members. Class activities include full group rehearsals, sectionals, peer and self-critiques, and listening exercises. At the conclusion of this course, students will be able to: sight read Grade 1 wind band music, perform Grade 1.5 wind band music, recognize and exhibit skills used in a band ensemble, evaluate individual performance to aid improvement. Regular practice at home and concert attendance are required. If the student needs to rent an instrument from the school, the fee is \$100.

Rental instrument from the school is \$100

### **CADET BAND**

**GRADES 6, 7, 8: (FULL YEAR)**

This course is appropriate for woodwind and brass students who have previously participated in an elementary band, or beginners with director permission. Students of any grade level, who would like to continue playing a woodwind, brass, or percussion instrument may enroll. Assignments include playing tests, concerts, school and community performances, and written listening evaluations. Regular and consistent practice at home is an expectation of all performing group members. Class activities include full group rehearsals, sectionals, peer and self-evaluations, and listening exercises. At the conclusion of this course, students will be able to: sight read Grade 1 wind band music, perform Grade 1.5-2.5 wind band music, recognize and exhibit skills used in a band ensemble, evaluate individual performance to aid improvement. Regular practice at home and concert attendance are required. If the student needs to rent an instrument from the school, the fee is \$100.

Rental instrument from the school is \$100

### **CONCERT BAND**

**GRADES 7, 8: (FULL YEAR)**

This course is designed for the advanced woodwind, brass, or percussion player. Members in this group should have previously participated in the Cadet Band or should be selected by director permission. Concert Band is a continuation of previous experience in band, with emphasis on developing individual technical and listening skills, as well as ensemble skills through level-appropriate literature. Students will have performing opportunities in large group concert, solo, and small ensemble music. Assignments include playing tests, concerts, school and community performances, and written listening evaluations. Regular and consistent practice is an expectation of all performing group members. Class activities include full group rehearsals, sectionals, peer and self-evaluations, and listening exercises. At the conclusion of this course students will be able to: sight read Grade 2 wind band music, perform Grade 2.5-3+ wind band music, evaluate individual performance to aid improvement, and demonstrate leadership skills in rehearsal and sectionals. Regular practice at home and concert attendance are required.

Rental instrument from the school is \$100

### **PERCUSSION ENSEMBLE**

**GRADES 6, 7, 8: (FULL YEAR)**

This course is appropriate for any student who would like to learn to play and develop the fundamentals of playing percussion instruments. It is designed to improve the playing skills and knowledge in the areas of drums, mallets, concert percussion, drum set, intermediate/advanced rhythmic reading, percussion ensemble, sight-reading, and hand drumming. The students will gain an appreciation for complexity involved in performing music at a high level. Percussion ensemble students may also serve as the percussion sections for the Concert Band and Cadet Band and perform at band concerts. Regular practice at home and concert attendance are required.

## **JAZZ BAND**

**GRADES 6, 7, 8: (FULL YEAR)**

This course is a daily class that meets before school and is taken for credit. Membership is by audition in early September and/or by permission of the director; suggested 1-2 years of previous experience on a wind instrument, piano, guitar, bass, or drum set. Recommended that the student is also enrolled in Cadet Band or Concert Band. The Jazz Band is a performance group that concentrates on large jazz ensemble and improvisation skills. The study of jazz history and related popular music styles of the past and present is also an element of the class. Assignments include playing tests, concerts, and listening evaluations. Class activities include full group rehearsals, sectionals, peer and self-assessments, and listening exercises. At the conclusion of this course students will be able to: sight read Grade 1.5-2 jazz band music, perform Grade 2-3 jazz band music, demonstrate basic skills in jazz improvisation, analyze and evaluate individual performance to aid improvement, understand and exhibit proper preparation and rehearsal skills of a musician. The ensemble will perform in at least one concert per quarter and one festival per school year. Regular practice at home and concert attendance are required.

## **GUITAR**

**GRADES 6, 7, 8: (1 SEMESTER)**

This class is for current and future guitarists of all experience levels (no prior experience necessary). In this class, the student will learn how to apply basic musical concepts, such as rhythm, harmony and melody, to the guitar. At the end of this class students will be able to read and play basic chord symbols and melodies. Students will provide their own acoustic guitar for this class, although a limited number of guitars are available from the school for student loan at a fee of \$50.00, (first come, first served).  
Guitar Rental from the school is \$50

## **CONCERT ORCHESTRA**

**GRADES 6, 7, 8: (FULL YEAR)**

This course is for students who have previously participated in an elementary or middle school orchestra, OR who would like to start playing the violin, viola, cello, or string bass! Students of any grade level may enroll. Students in Concert Orchestra will improve their string playing technique and learn skills such as tuning and shifting. Concert Orchestra performs in several concerts throughout the year. Regular practice and concert attendance are required. A fee of \$100 is required for school-provided instruments.  
Rental instrument from the school is \$100

## **PREMIER ORCHESTRA**

**GRADES 7, 8: (FULL YEAR)**

This course is designed for the advanced string player. Participation in the Concert Orchestra is a prerequisite for Premier Orchestra, unless the student can demonstrate advanced sight-reading, music theory, and technical ability through an audition. Students in Premier Orchestra can become section leaders, participate in the Orchestra Council, audition for All State Orchestra, play in the LWSD Honor Orchestra, perform in the Collage Concert and school assemblies, and take field trips. Teacher permission, regular practice, and concert attendance are required. A fee of \$100 is required for school-provided instruments.  
Rental instrument from the school is \$100

## **CONCERT CHOIR**

**GRADES 6, 7, 8: (FULL YEAR)**

Do you like to sing? Then this course is for you! Students will learn how to sing well, read music, build performance skills, and gain confidence. Choir members sing a variety of songs, including classical, jazz, folk, and pop music. Highlights from Concert Choir include singing in several concerts a year, taking field trips, and singing in school assemblies. No previous singing experience is necessary. Concert attendance is required.

## **CHAMBER SINGERS**

**GRADES 7, 8: (FULL YEAR)**

This course is designed for the advanced singer. Participation in the Concert Choir is a prerequisite for Chamber Singers, unless the student can demonstrate basic sight-singing, music theory, and vocal ability through an audition. Students in Chamber Singers can become section leaders, participate in the Choir Council, audition for All State Choir, sing in the LWSD Honor Choir, perform in the Collage Concert and school assemblies, and take field trips. Teacher permission, regular practice, and concert attendance are required.

## **CAREER AND TECHNICAL EDUCATION**

KIMS Career and Technical Education courses introduce students to a range of technical and engineering concepts. Students become proficient makers of products that solve problems using a design approach that incorporates modeling, building, and testing. All CTE classes explore careers and workplace skills associated with the course content.

### **ENGINEERING DESIGN AND MODELING**

**GRADES: 7, 8 (1 SEMESTER)**

Students learn about and apply the Engineering Design Process to design, build, and test solutions to various design challenges. Projects include puzzle cubes (design process and documentation), CO2 Dragsters (science of speed), Gliders (principles of flight), Truss Bridges and Towers (Structural Engineering), and 3D printed items (Computer Aided Design). Students also learn how to draw thumbnail, isometric, and multi-view sketches to document and communicate design ideas with accuracy; and how to safely and effectively use common industrial tools, machines, and methods to build their designs.

Materials Fee \$25

### **COMPUTER SCIENCE FOR MAKERS**

**GRADES: 7, 8 (1 SEMESTER)**

Students explore physical computing, which is the interaction between computers, users, and the physical world. The hands-on, project-based nature of the course, makes learning how to program, design, and build devices controlled by computers highly engaging. This course teaches basic programming of micro-controllers and a variety of connected devices like LEDs, switches, joysticks, motors, and buzzers. Projects include interactive art, gamer wrist bands, candy dispensers, security systems, remote-control cars, and card-board creatures controlled by remote gestures. Students also learn basic Maker skills and how to safely use cutting devices, tools, and adhesives.

Materials Fee \$25

### **AUTOMATION AND ROBOTICS**

**GRADES: 7, 8 (1 SEMESTER)**

Students explore automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics platform to design, build, and program systems that include object sorters, autonomous vehicles, claw-based delivery systems, elevators, traffic light systems, and an automated toll booth.

Materials Fee \$25

### **GAME DESIGN AND PROGRAMMING**

**GRADES: 7, 8 (1 SEMESTER)**

Students learn how to design and program video games. Students learn by progressing through several introductory programming challenges while exploring concepts unique to video game design including animation and pixel art. Students code a variety of games like Flappy Bird, Snake, Space Invaders, Pong, and a platform game. After mastering the basics, students code their own extensions or design their own game.

No Course Fee

## **WORLD LANGUAGE**

The World Language course offered at Kirkland Middle School is a high school level class. We follow the same curriculum and pace and use the same materials as the high school. Students who select this course need to have a strong grasp of the English language and possess solid study skills. World language students must commit to a minimum of thirty minutes of homework a day. This work will include both written assignments and daily study. Beginning courses encompass the basic skills of speaking, listening, reading, and writing. Students will develop an appreciation of other cultures through increased global awareness.

### **SPANISH I**

**GRADES: 7, 8 (FULL YEAR)**

This course emphasizes pronunciation, listening, speaking, reading and writing skills. Students will build a foundation of basic vocabulary and grammar of the Spanish language, as well an introduction to culture and history of Spanish speaking countries. This course meets the requirements for high school Spanish I.

**New this year, there is an opportunity for up to 35 7th grade students to take Spanish 1. If there are more than 35 students who are interested and sign up during registration, there will be a lottery to determine which students will be enrolled.**

## **ADDITIONAL ELECTIVES**

### **TEAM SPORTS**

**GRADES: 7, 8 (1 SEMESTER)**

This class does not replace the required Fitness class but is intended to be taken for further development of the required skills in soccer, speed-a-way, softball, flag football, basketball, team handball, floor hockey and volleyball. The required uniform includes a KiMS Fitness T-shirt -\$5.00 and shorts- \$7.00 (which can be purchased from the ASB window in the main office) socks, and tennis or athletic shoes. PE Uniform Required \$12

### **SPEECH AND DEBATE**

**GRADES: 7, 8 (1 SEMESTER)**

This class is an introduction to public speaking, speech forms, debate, and speech critique. Students will learn how to effectively design arguments and support them logically. Students will participate in a variety of debates formats; including parliamentary, cross examination and Lincoln – Douglas.

### **JOURNALISM**

**GRADES: 7, 8 (1 SEMESTER)**

Students will explore both online and print story writing, as well as blogs, photojournalism, and social media. The course will include instruction in identifying fake news, journalism ethics, first amendment protections, basic news writing concepts such as reporting timely and relevant information, keeping accurate interview records, and tailoring content to audience type. Students will learn to write and report informative, editorial, sports, and entertainment stories and report them in different medium, both in print and online. Students will produce podcasts, public service announcements, infographics, blogs, and video blogs.

**LEADERSHIP****GRADES: 7, 8 (1 SEMESTER)**

Choose to be a leader! This class offers students an opportunity to learn a variety of leadership styles and communication skills. Students will participate in different school and community groups. A key component to this class will be community service-learning activities. Students are expected to demonstrate exemplary behavior in and out of the classroom.

**STUDY SKILLS****GRADES: 7, 8 (1 SEMESTER)**

This course is designed for students who would like help with homework and/or organization skills, or for those who just need a quiet place to complete their assignments. Students learn skills and strategies to help them with homework and tests, as well as receive instruction on how to use their time effectively, manage a planner and organize their materials. The supervising teacher monitors, instructs and assists students with their classwork while the students work on assignments in a quiet, distraction-free environment.

**LEARNING CENTER STUDENT AIDE****GRADES: 7, 8 (1 SEMESTER)**

Special Education Student Aide is a one semester class for responsible students willing to be a positive role model and assist students in the transition program and learning center in their classes. Students will be placed in classes according to their academic strengths and preferences. Subjects include reading, writing, math, social skills, functional life skills, and helping in other elective classes (fitness, art, computer)

