



ANCHORAGE ELECTIVE OFFERINGS

*Scroll through the slides to find more
information on each elective class*

*****Elective offerings determined after the
tentative budget Board Meeting on May 28th***

Elective Schedule Combinations

Middle School students will have four core class periods on a typical school day. Core subjects at APS are Math, English Language Arts (ELA), Science, and Social Studies. Each school day, middle school students will also have an elective period where students, with the guidance of their parents, can rank courses of study that best fit each child's interest. **Families desiring for their child to build on the Spanish foundation garnered during elementary school, are encouraged to sign up for Conversation Spanish (Spanish 2) under "Specialty Courses Offered", or highly rank Spanish 1 on the statement of preference.**

For the 2025–2026 school year, middle school students will rank the Elective courses they are most interested in. Middle School Electives will utilize an A Day | B Day structure that allows students to take at least two electives and at most six in one school year. Student electives will be scheduled in one of the following combinations:

- **Six** 12 week courses

A Day	12 Week Course	12 Week Course	12 Week Course
B Day	12 Week Course	12 Week Course	12 Week Course

- **Four** 12 week courses and one trimester long course that happens on both A and B Day – *This layout is for those interested in Newscast and Paxton Patterson Classes. Students may still participate in 1 year long class if interested in this option. Flexibility will be shown to allow students to participate in both Newscast and a year long option.*

A Day	12 Week Course	12 Week Course	12 Week Course
B Day		12 Week Course	12 Week Course

- **Three** 12 week courses and one year long course – *This layout is for those interested in Band **OR** Conversational Spanish*

A Day	12 Week Course	12 Week Course	12 Week Course
B Day	Year Long Course		

- **Two** year long courses – *This layout is for those interested in 2 year long classes*

A Day	Year Long Course
B Day	Year Long Course



What happens next?

- Courses will be multi-age/grade level classes.
- Every effort will be made to match students with the course they MOST prefer, but that may not always be possible.
- Specialty / Year long classes will be scheduled first, followed by 8th Grade, 7th Grade, and 6th Grade.
- Classes students took this year will be taken into consideration. If a student has already taken a non-repeatable class, they will not have the opportunity to repeat that class again.



POSSIBLE SPECIALTY OFFERINGS

*Scroll through the slides to find more
information on each elective class*

***Elective offerings determined after the
tentative budget Board Meeting on May 28th*

Modern Band

Lauren.Morris@anchorage.kyschools.us

Get ready to ignite your musical soul in a performance powerhouse ensemble!

Think School of Rock, but with an amped-up, personalized soundtrack. Grab your instrument of choice – strum on ukuleles, lay down beats on drums, groove on electric bass, jam on keyboards, or unleash your inner guitarist. Don't forget your voice – it's an instrument too!

This ensemble is a **melting pot of musical passions**, fueled by teamwork and a shared love for making music that moves. We'll **collaborate, experiment, and push boundaries**, all while honing our individual skills and growing as a unified musical force.

Are you ready to rock? If you're passionate about music, crave collaboration, and dream of creating something unforgettable, then this ensemble is for you.

Remember, this is YOUR chance to:

- Be part of a high-energy performance ensemble
- Collaborate with other passionate musicians
- Learn by creating a finished musical piece
- Play a variety of instruments, including ukuleles, guitars, drums, keyboards, and more
- Experience the thrill of performing live
- Rock out and have an absolute blast!

So don't wait – sign up today and unleash your inner rockstar!

Fill out the attached band form and return to Ms. Morris in order to sign up.

[Click here to access Modern Band sign up form](#)

Students may take this class more than once in middle school.

Music Elective Syllabus





STUDENT LEADERSHIP AND GOVERNMENT

COURSE DESCRIPTION

This is not your average class! The Student Leadership Team is made up of elected 6th–8th grade students from all school houses. These students will serve as the voice of the middle school and help shape the spirit of our K–8 school. From organizing events to leading initiatives, this group will turn ideas into action!

ELIGIBILITY:

This Course is open to 6th, 7th, and 8th grade students who have been elected to student government. Incoming 7th and 8th grade will elect in May and 6th grade will elect in September/October 6th graders will join the class Trimester 2.

DURATION

For 7th/8th this is a year long course. For 6th grade it will take the place of their scheduled Trimester 2 and 3 elective.

CLASS STRUCTURE AND FORMAT:

Project-based and collaborative group work. Includes planning meetings, event coordination, and leadership workshops. Student will also be learning about state, local and national government as well as leadership in other fields. Students will be working to plan school events as well as collaborating with various school groups and personnel to execute a leadership project to improve our school.

LEARNING OBJECTIVES AND SKILLS:

- Develop leadership and teamwork skills
 - Plan and organize school and house events
 - Collaborate with peers across all grade levels
 - Build communication and project management experience
 - Explore leadership opportunities and pathways in various different field.
 - Build durable skills such as public speaking, collaboration, and event planning
- 

News**cast**

LIVE 

One Trimester - Both A and B day



This course is designed to introduce students to the fundamentals of producing a newscast. Students will learn various aspects of news production, including research, scriptwriting, interviewing, filming, editing, and presenting.

Students will produce a show that is viewed by all Anchors at least weekly. You can be a news anchor, field reporter, or work behind the scenes writing, directing or operating the camera.

Through hands-on projects and activities, students will develop essential skills in communication, teamwork, and creativity.

Students may take this class more than once in middle school.

Catholic High School Placement Test Prep Class

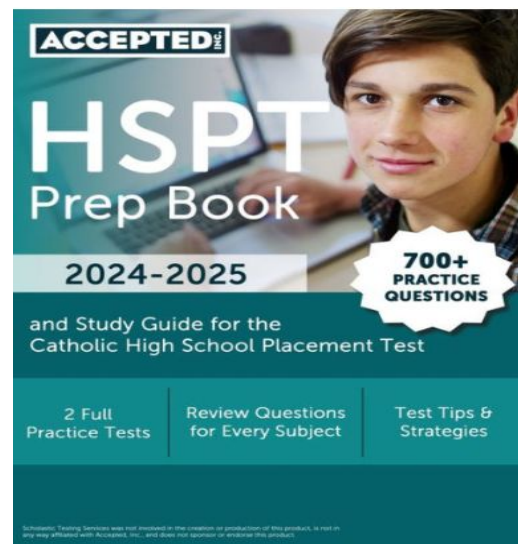
What: A comprehensive preparation course for the Catholic High School Placement Test (HSPT) in Louisville, KY.

Goal: To equip students with the skills and strategies needed to excel in this important exam and gain admission to their desired Catholic high school.

Course Overview:

- **Subject Areas:** The course will cover all ELA-related subject areas tested on the HSPT, including Verbal; Quantitative; Reading; and Language Skills.
- **Test Strategies:** Students will learn effective test-taking strategies, time management/pacing techniques, and how to approach different question types.
- **Practice Tests:** Regular practice tests will be administered to simulate the exam environment and help students gauge their progress.
- **Individualized Feedback:** Each student will receive personalized feedback on their strengths and areas for improvement, allowing for targeted study sessions.

****Material Needed;**
Please purchase
for your student
to have a copy.



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CONVERSATIONAL SPANISH

YEAR LONG COURSE

This conversational Spanish course is designed to help you develop proficiency in spoken Spanish through interactive activities, real-life scenarios, and cultural immersion. Emphasis will be placed on practical communication skills, vocabulary acquisition, and cultural understanding. These standards are aligned with the American council on the Teaching of Foreign Languages (ACTFL) standards, which emphasize **communication, cultures, connections, comparisons, and communities**.

Course will include:

Daily Life Conversations

- Vocabulary related to daily routines, activities, and chores
- Role-playing scenarios: Ordering food, shopping, making appointments
- Listening comprehension activities

Describing People and Places

- Adjectives for describing personality, appearance, and emotions
- Describing locations, directions, and landmarks
- Guided conversations about family, friends, and hometowns

Students will have gained confidence in their ability to engage in conversations in Spanish, expand their vocabulary, and deepen their understanding of Spanish-speaking cultures. They will be equipped with practical communication skills to navigate real-life situations with ease and fluency

High School College and Career Exploration

Paxton Patterson

Anchorage Students,



The APS Board of Education is considering the installation of some hands-on labs for the 2025-2026 School Year. We'd love to know the ones you'd be most interested to explore if this become a reality! Complete the link below to let us know your interests!

https://docs.google.com/forms/d/e/1FAIpQLSdcqG5Zpf-xPLhJKMBI-weW3g1h8hsOO5g-_lphYjuUAklv_A/viewform

Grade Level Eligibility:

Open to 6th–8th grade students. No prior experience required to enroll. Limited enrollment per trimester.

Course Duration:

Offered on a trimester basis on both A and B day. Students will attend this class and only this class for one trimester.

Learning Objectives & Skills:

This course is designed to provide dynamic, hands-on, and career-focused learning opportunities. Students will gain practical skills, explore real-world applications, and identify possible next steps in their personal and academic journey.

Class Structure & Format:

Students will engage in authentic, project-based career labs. Working in teams of two, they'll explore a variety of career paths through collaborative, hands-on activities that encourage inquiry, creativity, and reflection.





POSSIBLE SPECIALTY OFFERINGS

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Project Based Music

Lauren.Morris@anchorage.kyschools.us



Unleash Your Inner Music Maker: Craft, Collaborate, Create!

Get ready to ditch the textbooks and **ignite your musical creativity** in this dynamic exploration of sound! This class isn't your typical music lesson - it's a **launchpad for your musical imagination**, filled with **individual and group projects** that'll have you expressing yourself like never before.

Think **garageband meets tech playground**. Whether you're a seasoned musician or a curious beginner, there's a place for you here.

Imagine:

- **Rocking out with your crew** in garageband, crafting electrifying tunes that'll shake the walls.
- **Composing original melodies** using Chromebooks as your digital orchestra, weaving harmonies and rhythms into breathtaking soundscapes.
- **Creating a music video** showcasing your talent, collaborating on every step from scriptwriting to filming and editing.
- **Building your own instrument** from everyday objects, discovering new sounds and unleashing your innovative spirit.
- **Sharing your musical journey** with the class, celebrating your creations and learning from each other's unique styles.

This class is all about:

- **Empowering your unique musical voice.** It's not about being perfect, it's about exploring, experimenting, and having fun!
- **Collaborating with your fellow music lovers.** Learn from each other, share ideas, and build something truly special together.
- **Pushing your creative boundaries.** Think outside the box, embrace new challenges, and discover hidden talents you never knew you had.
- **Celebrating the joy of music.** No matter your skill level, experience the pure magic of creating and connecting through musical projects.

So, ready to **rock your world and leave your musical mark**? This class is waiting for you! Grab your imagination, and a willingness to create something amazing. **Sign up today and let the music begin!**

Students may only take this class once in middle school.

Music Elective Syllabus



Music Exploration Lab

Lauren.Morris@anchorage.kyschools.us

★ Ever wondered what makes music tick? Want to strum a ukulele, bang on a bucket, or create your own electronic beats? This **non-performance** class is your musical passport to discovery!

Leave the spotlight behind and embark on a vibrant journey through the fascinating world of music. **No pressure to perform, just pure exploration and hands-on learning.** We'll dive into diverse musical concepts, opening your ears and minds to new possibilities.

Imagine:

- **Strumming along to catchy tunes on the ukulele.** Mastering basic chords and melodies, feeling the rhythm flow through your fingertips.
- **Unleashing your inner percussionist with bucket drumming.** Creating vibrant beats using everyday objects, exploring the power of rhythm and improvisation.
- **Transforming everyday sounds into electronic masterpieces.** Experimenting with synthesizers and software, learning the magic of composition in a digital world.
- **Traveling through a world of musical genres.** From classical to jazz, rock to reggae, exploring different styles and their unique characteristics.

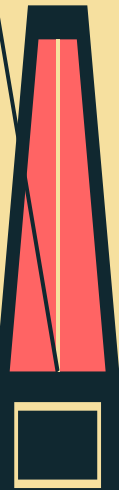
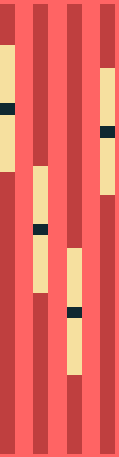
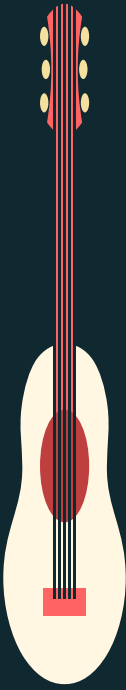
This class is about:

- **Curiosity:** Asking questions, discovering new sounds, and expanding your musical horizons.
- **Creativity:** Experimenting, playing, and finding your own unique voice in music.
- **Exploration:** Delving into different musical worlds, from traditional instruments to modern technology.
- **Fun:** Enjoying the journey, making connections with music and each other, and having a blast while learning!

Whether you're a complete beginner or have a dash of musical experience, this class welcomes you with open arms. Come ready to learn, explore, and discover the joy of music!

Students may only take this class once in middle school.

Music Elective Syllabus



DIGITAL ART & PHOTOGRAPHY

JEFF.DUNN@ANCHORAGE.KYSCHOOLS.US

Course Description: Calling all digital visionaries! In this exciting middle school Digital Art & Photography course, you'll explore the amazing world of visual storytelling through both photography and digital art creation. We'll delve into the fundamentals of photography, learning how to capture compelling images with your camera or phone. Then, we'll jump into the world of digital art software, where you'll unleash your creativity by transforming photos, drawing, and designing stunning digital artwork. Get ready to express yourself, explore new technologies, and have a blast in the process!

POSSIBLE COURSE UNITS:

- Discover the exciting world of digital art creation software (e.g., Procreate & Procreate Dreams)
- Learn basic tools for editing photos, manipulating images, and creating graphics.
- Experiment with layering, filters, effects, and color adjustments to enhance your photos.
- Create a digital collage using found images and personal photographs.

Unit 1: Digital Art App
(2 weeks)

- Learn the basic parts and functions of a digital camera/ iPad camera
- Explore light, composition (the rule of thirds!), and exposure to create impactful photographs.
- Practice various photography techniques like portraiture, close-up, and action shots.
- Engage in a photo scavenger hunt to capture specific elements and themes.

Unit 2: Photography
Foundations (2 weeks)

- Hone your artistic skills by drawing & painting directly on the computer!
- Master basic digital brushes, tools, and techniques for line art and digital painting.
- Explore color theory and apply it to create vibrant and expressive digital artwork.
- Design a character or self-portrait using digital drawing tools.

Unit 3: Drawing and Painting
Digitally (2 weeks)

- Unlock the power of photo manipulation to tell a story through your images.
- Learn how to combine photos, add creative elements, and adjust lighting for dramatic effect.
- Explore storytelling techniques like perspective, negative space, and mood to create impactful visuals.
- Develop a photo story series based on a chosen theme or narrative.

Unit 4: Photo Manipulation &
Storytelling (2 weeks)

Students may only take this class once in middle school.



3D ART



Course Description: Calling all creative minds! In this exciting middle school 3D Art course, you'll step into the world of three-dimensional design. We'll explore how artists use space, form, and a variety of materials to bring their ideas to life. Get ready to get your hands dirty (in a good way!) as you experiment with clay, cardboard, wire, found objects, and more to create unique sculptures and installations. This course is all about unleashing your imagination, developing your creative problem-solving skills, and having a blast while doing it!

JEFF.DUNN@ANCHORAGE.KYSCHOOLS.US

Students may only take this class once in middle school.

POSSIBLE 3D ART COURSE SYLLABUS (SUBJECT TO CHANGE)

Unit 1: Introduction to 3D Art (2 weeks)

- Explore the Elements and Principles of Art in a 3D context.
- Learn about famous sculptors and their work throughout history.
- Discover the safe and proper use of various art materials and tools.
- Create a self-portrait sculpture using recycled materials.

Unit 2: Building with Clay (3 weeks)

- Master the basic techniques of hand-building with clay: pinching, coiling, and slab construction.
- Design and create a functional or decorative clay object.
- Learn about surface texture and decoration methods.
- Glaze your finished clay creations

Unit 3: Wire Sculptures and Mobiles (2 weeks)

- Explore the art of wire sculpture and its potential for movement and form.
- Learn how to bend, twist, and connect wire to create both realistic and abstract sculptures.
- Design and build a whimsical mobile that incorporates balance and movement.

Unit 4: Found Object Art (2 weeks)

- Discover the potential of everyday objects to be transformed into art.
- Learn about assemblage art and famous artists who use found objects.
- Explore creative reuse and the importance of sustainability in art.
- Design and create a sculpture or installation using only found objects.

Unit 5: Collaborative Project (2 weeks)

- Work together with your classmates to design and create a large-scale collaborative art installation.
- Learn about teamwork, communication, and problem-solving in a creative environment.
- Showcase your collaborative creation to the school community (optional).



Exploring Mixed-Media Art

JEFF.DUNN@ANCHORAGE.KYSCHOOLS.US

Course Description

In this course, students will embark on an exciting journey through the world of mixed media art, where they will explore various techniques, materials, and concepts to create unique and expressive artworks. Through hands-on projects and guided experimentation, students will learn to combine different art forms such as drawing, painting, collage, printmaking, weaving and so many more amazing art mediums.

Goals:

Are you ready to unleash your inner artist and turn everyday objects into eye-popping masterpieces? We'll dive into a world of cool materials, like paints that shimmer like rainbows and clay that can be molded into anything you dream up. By mixing and matching these materials, you'll learn how to create artworks that are both stunning to look at and totally unique, just like you!

After 12 weeks of artistic adventures, you'll have a treasure trove brimming with all sorts of amazing mixed media creations! Each piece will be like a personal story, showing off the cool techniques and ideas you picked up along the way. It'll be a testament to your artistic journey, proving you're a true master of mixing and matching different art supplies!

Here's what we're aiming towards in this Mixed-Media Art class:

1. Mixed Media Mania! We'll crack open the secret code of mixing different art supplies, like paints, paper, and maybe even some glittery madness, to create one-of-a-kind masterpieces!
2. Material Mashup! Unleash your creativity by exploring the possibilities that happen when you combine different art forms. Think splattery paintings meeting fancy collages!
3. Art Smarts! Get ready to become a design whiz! We'll learn how colors work together and how to arrange things in a way that makes your art stand out.
4. Experimentation Station! Don't be afraid to get messy and make mistakes! This is your space to try new things and see what happens.
5. Art Around the World! We'll meet all sorts of incredible artists and see how they used different styles and ideas in their work.
6. Speak Up, Superstar! Learn how to talk about your art with confidence, just like a pro artist!
7. Treasure Trove of Talent! By the end, you'll have a whole collection of mixed media masterpieces that show off your artistic growth, proving you're a true creative genius!

Students may only take this class once in middle school.



Fall Sports

Welcome to **Fall Sports** PE!

Examples, Soccer, Softball, Kickball, Volleyball, Softball, etc. In this **dynamic** physical education class, students will immerse themselves in a thrilling array of sports, fostering physical fitness, teamwork, and sportsmanship.

Our curriculum features traditional favorites like soccer and volleyball, where students will refine their skills, strategy, and coordination. Additionally, the intriguing '**Wafordball**' and the enigmatic '**Pillo Pollo**' will be introduced, offering a unique and exciting twist to the fall sports experience.

Whether you're a seasoned athlete or trying a new sport for the first time, this class is designed to cater to **all skill levels**. Through a combination of skill-building drills, friendly competitions, and teamwork exercises, students will not only enhance their physical abilities but also develop **crucial life skills**.

Join us for an **energetic** and **inclusive** exploration of fall sports, where every participant is encouraged to discover their strengths, push their limits, and embrace the joy of movement and play.

Let the fall season be a time of growth, fitness, and fun in our Fall Sports PE class!

Students may take this class more than once in middle school.



Winter Sports

Welcome to Winter Sports PE!

Examples: Pickleball, Basketball, LongBase, etc.

This **invigorating** physical education class is designed to embrace the winter season with a focus on dynamic sports that will keep you active and engaged.

Get ready to hit the court as we delve into the **exciting** world of basketball, refining your dribbling, shooting, and teamwork skills. Whether you're a seasoned basketball player or a newcomer to the sport, our curriculum **caters to all levels**, fostering an **inclusive** and **supportive** learning environment.

Additionally, we'll explore other winter sports such as ice hockey, figure skating, or indoor activities like yoga and dance, providing a diverse and well-rounded experience. As the snow falls outside, we'll warm up the gym with the thrill of competition, camaraderie, and **personal growth**.

Join us for a season of winter sports where you'll not only enhance your physical fitness but also develop **valuable life skills, teamwork, and resilience**.

Embrace the winter chill with a warm spirit of enthusiasm in our Winter Sports PE class!

Students may take this class more than once in middle school.



Spring Sports

Welcome to **Spring Sports** PE, where the season blossoms with energy, enthusiasm, and a **diverse range** of athletic activities.

Examples: High Jump, Capture the Cones, Dodgeball.

This physical education class invites students to **explore the great outdoors** and indoors while engaging in sports that celebrate the spirit of spring.

Embrace the revitalizing atmosphere as we dive into classic sports like baseball and softball, where players develop their hitting, pitching, and fielding skills in the warmth of the spring sun. Additionally, students will have the opportunity to try their hand at sports like track and field, showcasing their speed, endurance, and agility in various events.

With the blooming flowers as our backdrop, this class encourages not only **physical fitness** but also a sense of **teamwork, discipline, and perseverance**.

Whether you're sprinting on the track, sliding into home base, or perfecting your serve in tennis, Spring Sports PE is your chance to embrace the season's vitality and channel it into a fulfilling and active learning experience.

Join us for a **refreshing** and **dynamic** exploration of spring sports that will leave you invigorated and ready for whatever challenges come your way!

Students may take this class more than once in middle school.



Lifetime Sports

What will you do?

- Engage in a diverse range of sports and recreational activities.
- Participate in skill-building exercises, drills, and friendly competitions.
- Learn the rules, fundamental techniques, and strategies for success in various sports.
- Explore activities like bocce ball, ultimate frisbee, yoga, and corn-hole.
- Develop essential life skills such as communication, cooperation, and leadership through teamwork.

What will you learn?

- Fundamental skills and techniques for each sport and activity.
- The rules and regulations governing different sports.
- The importance of leading an active lifestyle for overall health and well-being.
- Topics such as nutrition, injury prevention, and goal-setting.
- How to apply principles of sportsmanship and fair play in all activities.

Get ready to:

- Build confidence, resilience, and a sense of accomplishment.
- Cultivate a passion for lifelong fitness and physical activity.
- Develop friendships and teamwork skills through collaborative activities.
- Discover new interests and abilities in a supportive and encouraging environment.
- Embrace the challenge of trying new activities and pushing personal boundaries.

This course is perfect for you if:

- You enjoy being active and trying new sports and activities.
- You want to develop your skills in a variety of sports while having fun.
- You are interested in learning about the benefits of leading an active lifestyle.
- You thrive in a supportive and inclusive learning environment.
- You are looking to build confidence, teamwork, and leadership skills while staying fit and healthy.

Students may take this class more than once in middle school.

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Spanish I

Trimester Long Course

Grades 6-8


Class Focus:

Focus is on developing basic communication skills in Spanish, including listening, speaking, reading, and writing. The course also aims to introduce students to Spanish speaking cultures and make connections to other subjects.

These standards are aligned with the American council on the Teaching of Foreign Languages (ACTFL) standards, which emphasize communication, cultures, connections, comparisons, and communities.

Course will include:

Greetings, describing family and friends, talking about hobbies, and communicating about other topics. Each lesson presents vocabulary, grammar, and culture in context, allowed by explanations and exercises.

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MAKERSPACE

Instructor: Laura Broyles
One Trimester
Non-Repeatable

Calling all creative problem-solvers! This exciting course will transform you into a mini-engineer, using the power of imagination and hands-on learning to tackle real-world challenges.

What will you do?

- Dive into the Engineering Design Process (EDP), a powerful tool used by real engineers to solve problems.
- Explore a variety of makerspace tools and materials, like 3D printers, coding platforms, and laser-engravers.
- Work to identify real-world problems that spark your interest, from designing a more sustainable lunchbox to creating a safer way for pets to travel.
- Brainstorm innovative solutions using the EDP, putting your creative thinking to the test.
- Build functional models of your solutions using the makerspace resources.
- Present your inventions to the class, explaining your problem-solving journey and showcasing your creations!

What will you learn?

- Critical thinking and problem-solving skills
- Teamwork and collaboration
- The power of design and invention
- How to use the Engineering Design Process
- Hands-on skills with various makerspace tools
- Communication and presentation skills

Get ready to:

- Think outside the box!
- Experiment and learn from mistakes.
- Work collaboratively and have fun!
- Make a difference by creating solutions to real problems.

This course is perfect for you if:

- You enjoy building and tinkering.
- You have a curious mind and love to ask questions.
- You want to learn how engineers solve problems.
- You're excited to collaborate with classmates and bring your ideas to life!



VIDEO *Production*

Instructor: Laura Broyles

One Trimester

Non-Repeatable

Lights, Camera, Action! Become a Video Production Pro (6 Weeks)

Calling all aspiring filmmakers and storytellers! This action-packed course will take you behind the scenes of video production, giving you the skills to create your own amazing movies!



What will you do?

- Unleash your inner director! Learn how to tell captivating stories through video.
- Master the art of storyboarding, where you transform your ideas into a visual plan for your movie.
- Explore the world of stop motion animation, bringing objects to life one frame at a time! Create hilarious claymation characters or mind-blowing Lego adventures.
- Step into the future with green screen technology. Imagine yourself on a tropical beach, in outer space, or anywhere your imagination takes you!
- Get hands-on with cameras, microphones, and editing software, learning the secrets of filming and putting your movie together.

What will you learn?

- Storytelling techniques for video
- Storyboarding and pre-production skills
- Stop motion animation methods
- Green screen technology and its uses
- Basic camera operation and filming techniques
- Video editing software for beginners
- Teamwork and collaboration skills
- Creativity and critical thinking

Get ready to:

- Write, film, and edit your very own video masterpiece!
- Be the star of your own show (or work behind the scenes as a director or editor!).
- Learn the cool tricks used by professional filmmakers.
- Impress your friends and family with your amazing creations!

This course is perfect for you if:

- You love movies and TV shows.
- You have a wild imagination and love to tell stories.
- You're curious about how videos are made.



LEGO ROBOTICS



Instructor: Laura Broyles

One Trimester

Students May Take This Class More Than Once During Middle School

Become a Robotics Mastermind: Build and Code

Calling all future tech wizards! This electrifying course will take you on a journey into the exciting world of robotics and coding. Get ready to build, code, and program your own robots to solve problems and perform amazing tasks!

What will you do?

- Master the art of block coding, a fun and easy way to give your robots instructions. It's like snapping together building blocks to make your robot come alive!
- Construct awesome robots using cool materials and learn how different parts work together.
- Program your robots to navigate obstacles, complete challenges, and even respond to your voice!
- Work in teams to design and build robots that can tackle real-world problems,
- Compete in friendly challenges showcasing your robots' skills and creativity.

What will you learn?

- Block coding fundamentals
- Robot design and construction
- Programming concepts like loops, sensors, and decision-making
- Teamwork and problem-solving skills
- Critical thinking and creativity

Get ready to:

- Unleash your inner inventor!
- Code like a pro (even if you've never coded before!).
- Understand how robots and AI work in the real world.
- Have a blast building and competing with your creations!

This course is perfect for you if:

- You love robots and technology.
- You enjoy building things and figuring out how they work.
- You're curious about how coding can bring robots to life.



Let's Build VEX Robots!

One Trimester/Students may take this class more than once in middle school.

- Students will learn to design, build, and program robots to accomplish various tasks and challenges.
- This is a very hands-on class where students use the Engineering and Design Process to build and code robots.
- Students will complete 3 - 4 challenges, then create a challenge of their own to share with other teams.
- This class can be taken once each year of Middle School.

Build



Program

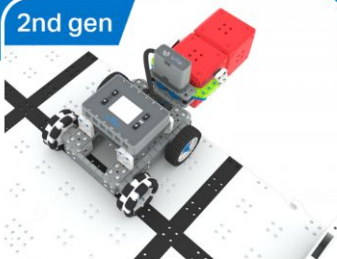
when started



Coding

Treasure Hunt

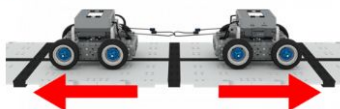
2nd gen



Engineering

Tug of War

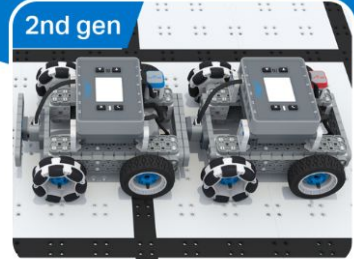
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Engineering

Team Freeze Tag

2nd gen



Business & Marketing



Innovation Lab Elective - Mr. Jones - brian.jones@anchorage.kyschools.us

Marketing, Budgeting, and Product Creation

Course Title and Description: Business and Marketing Lab is a trimester-long elective where students will gain hands-on experience running a small business using the Innovation Lab. Students will develop skills in marketing, budgeting, and product creation by designing and producing items featuring the school logo, house system emblems (Evergreen Crocs, Bellewood Bears, Ridge Raptors), and seasonal products like those for Christmas in Anchorage. Guided by a former entrepreneur, students will learn how to effectively run a business from start to finish.

Development

Grade Level Eligibility: This elective is open to middle school students (grades 6-8).

Course Duration: This elective takes place for one trimester.

Learning Objectives and Skills:

- Understand the fundamentals of business management and marketing.
- Develop a budget and create a plan to build a profitable small business.
- Gain hands-on experience with product design and creation using Innovation Lab equipment.
- Learn to market products through school events and community engagement.
- Develop teamwork, creativity, and financial literacy skills.

Class Structure and Format: The class will be project-based and hands-on. Students will work in teams to brainstorm, design, produce, and market items. They will rotate through roles such as marketing strategist, production manager, and financial planner to gain a comprehensive understanding of small business operations.

Benefits and Opportunities:

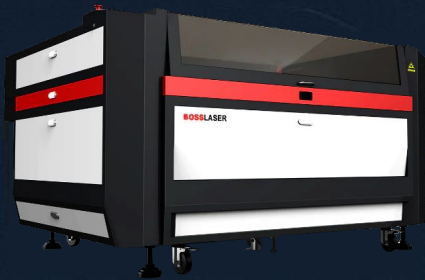
- Learn real-world business skills from a former entrepreneur.
- Build leadership, marketing, and problem-solving skills.
- Create and sell products that contribute to the school community.
- Gain financial literacy and experience with budgeting.

ENGINEERING DESIGN PROCESS

ELECTIVE

The engineering design process is an approach that engineers use to solve problems and create solutions, such as new products or processes!

HANDS-ON EXPERIENCE WITH INDUSTRY-GRADE EQUIPMENT



BOSS LASER CUTTER



**BAMBU 3D
PRINTERS**



**SMARTSTITCH
EMBROIDERY MACHINE**



**SAWGRASS
SUBLIMATION PRINTER**



**CHOMP SHOP
CARDBOARD CUTTER**



**MERGE CUBE
(AUGMENTED REALITY)**



**GRAPHTEC
VINYL CUTTER**



**IMAC
COMPUTERS**



IPADS

Learning Objectives and Skills:

Students will develop solving, critical thinking, and technical skills through hands-on projects. They will learn to design, prototype, and test solutions using advanced equipment, including 3D printers, laser cutters, and robotics.

Class Structure and Format:

This elective follows a project-based learning model, emphasizing collaboration and real-world applications. Students will work in teams to complete engineering challenges, using technology and creativity to innovate and build. Open to grades 6-8.
Trimester Long Class.

BRIAN JONES | BRIAN.JONES@ANCHORAGE.KYSCHOOLS.US

PODCASTING 101

Welcome to Podcasting Adventures, an exciting and creative class designed specifically for middle schoolers to explore the world of podcasting! In this hands-on and interactive course, students will learn how to craft their own unique podcasts, share their stories, and engage with their peers in a fun and supportive environment.

Course Highlights:

- **Introduction to Podcasting:** Dive into the fascinating world of podcasts, learn about different podcast genres, and discover how podcasts are created and shared.
- **Storytelling Skills:** Develop storytelling skills by exploring narrative techniques, character development, and creating compelling story arcs that captivate listeners.
- **Scripting and Recording:** Learn how to write scripts for podcasts, practice reading aloud with expression, and gain experience using recording equipment and software.
- **Interviewing Techniques:** Master the art of interviewing by asking thoughtful questions, listening actively, and conducting engaging conversations with guests or classmates.
- **Editing and Sound Effects:** Experiment with editing tools to enhance your podcast with music, sound effects, and transitions that bring your stories to life.
- **Ethical and Responsible Podcasting:** Discuss ethical considerations in podcasting, such as respecting privacy, citing sources, and using appropriate language and content.

Activities and Projects:

- Create your own podcast episodes on topics of interest, such as storytelling, science experiments, book reviews, interviews with classmates or teachers, and more.
- Collaborate with classmates on group projects to produce themed podcast episodes or mini-series.
- Participate in peer feedback sessions to provide constructive feedback and improve podcasting skills.





SPEAK UP!

A PUBLIC SPEAKING WORKSHOP

Do you want to build confidence, speak with power, and share your ideas like a pro?



In Speak Up!, students will laugh, move, share stories, and learn the secrets of great communication—without boring lectures or pressure to be perfect. Whether you're shy or bold, this class helps everyone grow.

ALL EXPERIENCE LEVELS WELCOME.

LEARN TO:

- Tell personal stories with heart
- Deliver persuasive speeches that pack a punch
- Work with friends to lead awesome discussions
- Use body language, voice, and visuals to wow your audience



Ready to be heard? Join us and SPEAK UP!

MORE THAN A GAME

**ATHLETES, ADVERSITY
& THE POWER OF SPORTS**

GRADES 6-8



LEARN HOW ATHLETES OVERCOME CHALLENGES AND MAKE A DIFFERENCE THROUGH SPORTS

In this course, you'll explore powerful stories from the world of sports and uncover how games shape culture and society. Through videos, group projects, debates, and a final "Athlete Legacy Project," you'll learn about leadership-resilience-and the real impact of sports -on and off the field

WHAT YOU'LL DO:



Research, writing, and public speaking



Critical thinking and empathy



Design a sports and society timeline

SKILLS YOU'LL BUILD:



Research, writing, and public speaking



Critical thinking and empathy



Teamwork and creative presentation

No experience needed—just curiosity, collaboration, and a love for sports

No experience needed—just curiosity, collaboration, and a love for sports (or great stories).



FINANCIAL LITERACY



Grade Level Eligibility:

Open to 6th–8th grade students. No prior experience required to enroll. Limited enrollment per trimester.

Course Duration:

Offered on a trimester basis and may be repeated. Each trimester features new content and experiences.



Financial literacy encompasses the knowledge and skills needed to make informed and effective decisions regarding your finances. It's about understanding how to manage your money, make it grow, and protect it from risks.

Key Aspects of Financial Literacy:

Budgeting: Creating and adhering to a spending plan to track income and expenses.

Saving: Putting money aside for short-term goals, emergencies, and long-term needs.

Investing: Growing wealth over time by allocating funds to assets like stocks, bonds, or real estate.

S.A.I.L.

Serve Act Inspire Lead



Objective: Middle school students create a service project where they identify a need and become a change maker!

Benefits: Promote personal growth, positive school culture, and leadership

Class structure: group work, field trips, guest speakers



ODYSSEY OF THE MIND

Course Overview:

Odyssey of the Mind (OM™) teaches students how to develop and use their natural creativity to become problem-solvers.

Imagine being faced with a problem that requires an original solution. It can be frightening. Now imagine not being afraid to solve that problem – that is what OM members learn.

OM brings the classroom to life as students apply what they learn and combine it with their interests and passions to solve our unique open-ended problems. OM also emphasizes teamwork, budgeting, time management, public speaking, and so much more.

This international program is designed to help students at all learning levels grow as individual learners, grow as team members, and to reach their full potential.

Course Duration:

Offered on a trimester basis and may be repeated. Each trimester features new content and experiences.

Grade Level Eligibility:

Open to 6th–8th grade students. No prior experience required to enroll. Limited enrollment per trimester.



Join this dynamic and exciting class leading up to the Amazing Shake Competition! This class builds leaders and role models in a school's community, teaching professional skills needed for success!

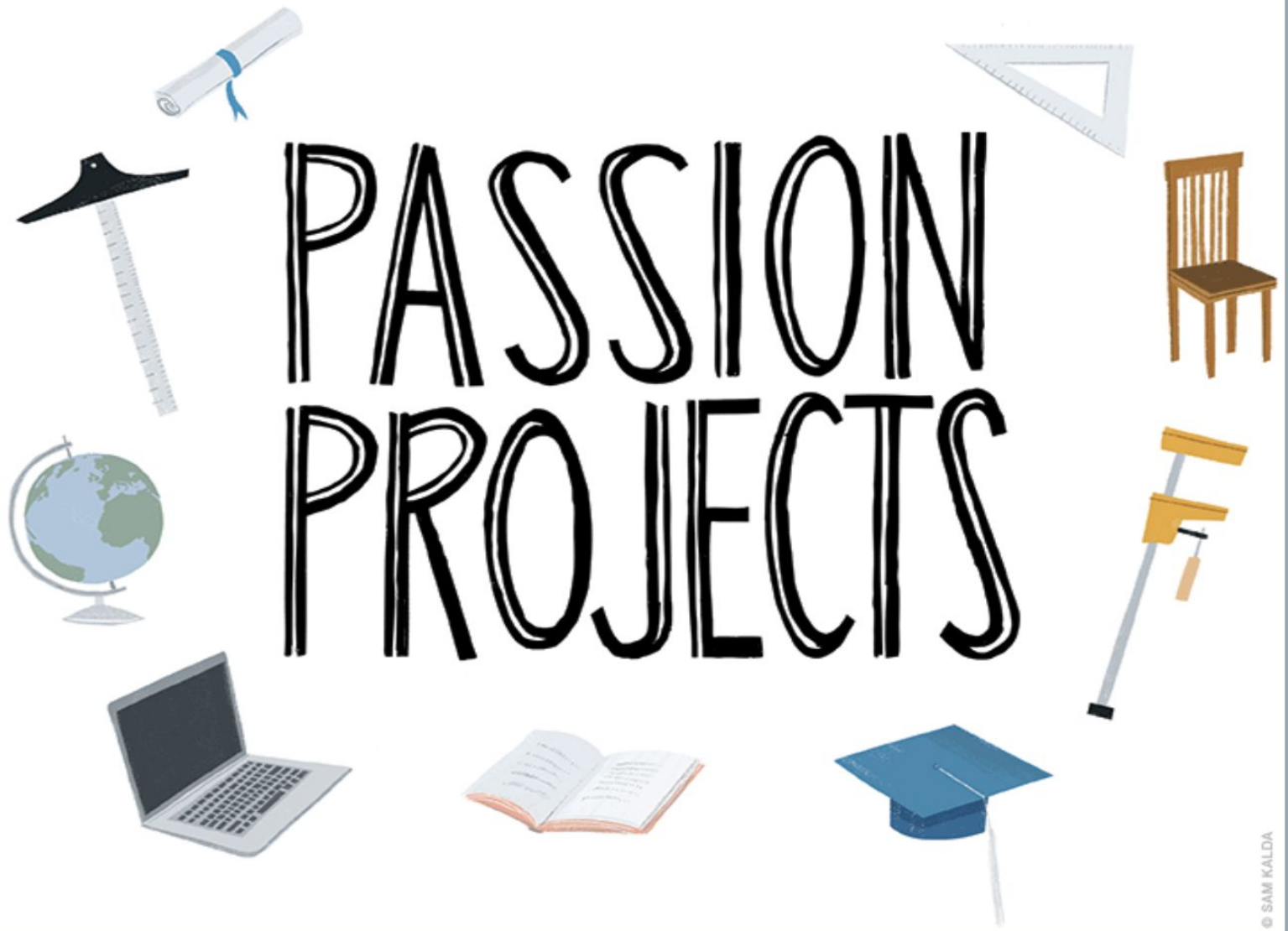


Course Duration:

Offered on a trimester basis and may be repeated.
Each trimester features new content and experiences.

Grade Level Eligibility:

Open to 6th–8th grade students. No prior experience required to enroll. Limited enrollment per trimester.



© SAM KALDA

A passion project is a personal endeavor undertaken due to a strong interest or curiosity in a specific topic, idea, or skill. It's typically a self-directed project! These projects can take many forms, from creative arts and community initiatives to research or personal challenges.

Course Duration:

Offered on a trimester basis and may be repeated. Each trimester features new content and experiences.

Grade Level Eligibility:

Open to 6th–8th grade students. No prior experience required to enroll. Limited enrollment per trimester.