



Summit Ridge Middle School

International Baccalaureate Middle Years Programme Candidacy School 7th Grade Elective Course Descriptions 2019-2020

Step 1: World Languages

World Languages and Cultures

(One Trimester)

This trimester course explores French, German, and Spanish languages and cultures. Students will develop beginner level communication skills in the target language through class activities. The cultural content will include a brief look at a variety of traditions and cultures associated with each language, including but not limited to holidays, art, music, food, dance, sports or other traditions associated with each language.

Spanish A (101)

(Full Year)

This full year academic elective will integrate effective communication in Spanish with the national standards of listening, reading, writing, speaking, and culture. The goal of this course is to help students begin to communicate effectively in the target language while acquiring an understanding of Spanish speaking cultures. This course is the equivalent to the content taught the first semester of Spanish 1.

French A (101)

(Full Year)

This full year academic elective will integrate effective communication in French with the national standards of listening, reading, writing, speaking, and culture. The goal of this course is to help students begin to communicate effectively in the target language while acquiring an understanding of French speaking cultures. This course is the equivalent to the content taught the first semester of French 1.

Step 2: Art/Music

Concert Band (Intermediate)

(Full Year)

7th and 8th grade students with **proficient** skills on band instruments will rehearse daily as a group to learn the skills necessary to prepare and perform concert pieces for families and the school community.

Symphonic Band (Advanced)

(Full Year)

7th and 8th grade students with **advanced** skills on band instruments will rehearse daily as a group to learn the skills necessary to prepare and perform concert pieces for families and the school community.

Orchestra

(Full Year)

7th and 8th graders with **proficient** skills on violin, viola, cello, or string bass will rehearse daily as a group to learn the skills necessary to prepare and perform concert pieces for families and the school community.

Advanced Orchestra

(Full Year)

7th and 8th graders with **advanced** skills on violin, viola, cello, or string bass will rehearse daily as a group to learn the skills necessary to prepare and perform concert pieces for families and the school community.

Choir

(Trimester or Full Year)

Students sing a variety of music from pop to classical and styles in between. Students learn sight-reading as well as become familiar with music terminology. At the end of each trimester, students perform in a concert along with the other SRMS choirs.

Theatre Arts/Drama

(One Trimester)

Students will explore the world of stage through presenting individually and in small groups theater concepts such as stage blocking, stage directions, costuming, and Foley art. This class gives students a chance to explore their creative side and increase their confidence presenting in front of an audience.

Visual Arts Level 2

(One Trimester)

7th and 8th grade students will develop a basic understanding of photography, ceramics, painting and drawing. The course will have students understanding basic image techniques with technology, hand building, fibers, and printmaking. Students will also learn how to throw on the potter's wheel and understand how to load a ceramic kiln. Visual Arts Level 1 is not required to take this course.

Audio/Visual Production**(One Trimester)**

This course will teach students about video and film. Students will gain experience with writing scripts, camera operation, using graphics and visuals, lighting, audio techniques, editing, and production principles. Students will use applications such as iMovie and Garageband. Students will also explore career opportunities in film and video production.

Step 3: Design & Technology and General Electives**Health/Physical Education (Mandatory for 1 trimester and/or additional elective)****(One Trimester)**

This course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique, teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. **This course requires fee for PE shirt.**

Computer Science**(One Trimester)**

This course will begin with the understanding of basic computer hardware and how computers work; binary numbers; image representation; cryptography; introductory HTML and troubleshooting simple code; exploring other coding software; the history and trends in technology that affect a global society; and opportunities and careers available in the computer science field.

Computer Graphics**(One Trimester)**

Students will explore the power of technology in the Digital Lab to expand the art student's access to information, opportunities, and choices. Students will learn the basic components of Adobe Photoshop, explore the design process and various careers, and utilize sketchbooks in the production and creation of original art and graphics.

Engineering 1**(One Trimester)**

This course offers project based learning through the use of technology and tools that will allow students to be intellectually challenged in a variety of introductory experiences with basic engineering. This is a math and science related course with discussions on measurement, development, and design arts. This class combines these fields to explore and create mechanics, templates and prototypes, kinetic machines, CO2 cars, and structures.

Engineering 2**(One Trimester)**

This course builds on the skills already developed in Engineering 1. Students will engage in project based learning through the use of technology and tools, allowing them to be challenged through advanced engineering experiences. We will explore aerospace engineering and flight design, basic physics, automata, three dimensional-design (CAD) programs, and explore possible pathways for career ready skills. **Engineering 1 is a prerequisite for Engineering 2.**