



# Summit Ridge Middle School

## International Baccalaureate Middle Years Programme Candidacy School 8th 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.

#### Spanish B (102)

(Full Year)

This full year academic elective will continue to develop the listening, reading, writing, speaking, and culture skills that were taught in Spanish A. The goal of this class is to refine student skills in communication in the target language while furthering understanding of Spanish speaking cultures. This course is the equivalent to the content taught in the second semester of Spanish 1. **This class is only offered to students who have scored a 70% or higher in Spanish A.**

#### 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.

#### French B (102)

(Full Year)

This full year academic elective will continue to develop the listening, reading, writing, speaking, and culture skills that were taught in French A. The goal of this class is to refine student skills in communication in the target language while furthering understanding of French speaking cultures. This course is the equivalent to the content taught the second semester of French 1. **This class is only offered to students who have scored a 70% or higher in French A.**

#### German B (102)

(Full Year)

This full year academic elective will continue to develop the listening, reading, writing, speaking, and culture skills that were taught in German A. The goal of this class is to refine student skills in communication in the target language while furthering understanding of German speaking cultures. This course is the equivalent to the content taught the second semester of German 1. **This class is only offered to students who have scored a 70% or higher in German A.**

### Step 2: Art/Music

#### Concert Band (Intermediate)

(Full Year)

7<sup>th</sup> and 8<sup>th</sup> 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)

7<sup>th</sup> and 8<sup>th</sup> 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 Intermediate)

(Full Year)

7<sup>th</sup> and 8<sup>th</sup> 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)**

7<sup>th</sup> and 8<sup>th</sup> 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.

**Creative Art and Sculpture****(One Trimester)**

This class will explore sculpture, (metal and glass) ceramics and drawing. They will manipulate a multitude of materials along with artistic techniques. Students will use equipment that may be unfamiliar to them, but will master the ability in using them through the creation of their artwork. Metal jewelry/chain design along with metal sculpture will be introduced. Students will also learn how to fuse glass with using a glass kiln.

**Visual Arts Level 3 (IB Elective Independent Study)****(One Trimester)**

This independent study is an IB showcase of evidence the student accomplished during the trimester. The student will work as closely or as far from the lessons in class, though the overall finished product(s) will be a reflection of the student's understanding of the class' subject matter. These include, but are not limited to, 2-dimensional and 3-dimensional artworks, written papers and reflections, interviews, edited videos, etc... The student will choose the mediums, research the processes, document their personal process, and display the body of work (6-8 completed projects). The student will also prepare a portfolio of their work at the end of the trimester for presentation to a panel of peers, teachers, and members of the public. There will be a final gallery show at the end of the year for all independent study students.

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

This course will teach students about video and film. Students will have hands-on 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 choice)****(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.

**Computer Graphics 2 (IB Elective Advanced Independent Study)****(One Trimester)**

This independent study is an IB showcase of evidence the student accomplished during the trimester. The student will work as closely or as far from the lessons in class, though the overall finished product(s) will be a reflection of the student's understanding of the class' subject matter. These include, but are not limited to, 2-dimensional and 3-dimensional artworks, written papers and reflections, interviews, edited videos, etc... The student will choose the mediums, research the processes, document their personal process, and display the body of work (7-10 completed projects). The student must also prepare a portfolio of their work at the end of the trimester for presentation to a panel of peers, teachers, and members of the public.

**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.**

**Engineering 3 (IB Elective Advanced Independent Study)****(One Trimester)**

This independent study is an IB showcase of evidence the student accomplished during the trimester. The student will work as closely or as far from the lessons in class, though the overall finished product(s) will be a reflection of the student's understanding of the class' subject matter. These include, but are not limited to, 2-dimensional and 3-dimensional artworks, written papers and reflections, interviews, edited videos, etc... The student will choose the mediums, research the processes, document their personal process, and display the body of work (7-10 completed projects). The student must also prepare a portfolio of their work at the end of the trimester for presentation to a panel of peers, teachers, and members of the public.

**Teacher Assistant- Office****(One Trimester)**

Office Student Assistants learn workplace skills through working with principals, counselors, and secretaries in the main office. Students assist with sorting, filing, collating, information retrieval, answering parent/community inquiries by phone or in person, and the general day-to-day operations of the main office. **Students must be going into 8<sup>th</sup> grade, get a teacher signature, and complete a SPECIAL CLASS application.**

**Teacher Aide****(One Trimester)**

Teacher Student Assistants tutor or assist students, work collaboratively with the teacher in setting up classroom demonstrations, catalog student papers and projects, and perform other duties as needed. This is an excellent opportunity for students interested in teaching as a career. **Students must be going into 8<sup>th</sup> grade, get a teacher signature, and complete a SPECIAL CLASS application.**

**Physical Ed Mentor****(One Trimester)**

Peer coaches will be asked to learn class activities well enough to be able to work with other students who may need extra attention in learning physical skills or in the knowledge of an activity in the physical education setting. Students will be asked to be leaders and to learn teaching strategies that can be used in various groups both large and small. Responsibility and commitment are necessary to be a peer coach in physical education.

**Students must be going into 8<sup>th</sup> grade, get a teacher signature, and complete a SPECIAL CLASS application. (Fee required for PE shirt).**