

**EISENHOWER MIDDLE SCHOOL
2019-2020 8TH GRADE
COURSE DESCRIPTIONS**

REQUIRED COURSES

Math, Language Arts, Social Studies, Science, P.E. and Health will automatically be assigned.

LANGUAGE ARTS 8 –Language Arts 8 is an expansion of skills acquired in Language Arts 7 with a continued emphasis on literary analysis of narrative and informational text, written and oral expression along with the mechanics of language. Mastery of these skills may be demonstrated through speeches, compositions, research projects, short stories and/or poetry as well as other products, as assigned. This integrated language arts curriculum is aligned to the Kansas College and Career Readiness Standards.

SOCIAL STUDIES 8 - Year– One quarter study of Kansas history from prehistoric times to present-day. Three quarters of American history concentrating on the nineteenth century and including an extensive study of the beginnings of our country and its government. Topics of study also include the early years of the United States, the Civil War, Reconstruction and Westward Expansion. The program is enriched with media, technology and various projects.

PHYSICAL SCIENCE 8 - Year This is a lab-oriented course with most of class time spent doing investigations, collecting and interpreting data and drawing conclusions. Basic Chemistry stresses the structure and properties of matter and heat and electricity; and Basic Physics deals with types of energy, energy transfer, applications of energy, motion, waves, sound, light and radiation.

MATH 8 - This is the math course most 8th grade students will take. This course will focus on the Kansas College and Career Readiness Standards for eighth grade, which include work with radicals and integer exponents, proportional relationships, solving linear equations, functions, applying the Pythagorean Theorem and problems involving volume of cylinders, cones and spheres.

USD 383 Secondary Mathematics Acceleration

Grade	7th	8th	9th	10th	11th	12th
Example: Typical Path	Math 7	Math 8	Algebra 1	Geometry	Algebra 2	Trig/Pre- Calc
Example A: Partially Accelerated Path	Math 7	Math 8	Algebra 1	Geometry	Acc Algebra 2/Trig	AP Calc AB
Example B: Partially Accelerated with Double- Up Path	Math 7	Math 8	Algebra 1	Geometry & Algebra 2	Trig/Pre- Calc	AP Calc AB
Example C: Partially Accelerated Path	Acc. Math 7	Alg1/Acc. Math 8	Geometry	Algebra 2	Trig/Pre- Calc	AP Calc AB
Example D: Accelerated Path	Acc Math 7	Alg1/Acc. Math 8	Geometry	Acc Algebra2/Trig	AP Calc AB	AP Calc BC

Algebra I/Accelerated Math 8 - This course is an accelerated alternative to Math 8 that is designed to cover the content of the 2nd semester of Math 8 and the full year of Algebra I. It is intended for students who will be able to accelerate in math without skipping over any essential knowledge. It will enable students to move directly into Geometry as a freshman. Eighth grade students who qualify (based on the district selection process) will have the opportunity to take Algebra I/Accelerated Math 8 rather than Math 8. Students will not receive high school credit toward graduation for this course at the middle school level.

PHYSICAL EDUCATION Three Quarters-Physical education classes will be a combination of seventh and eighth grade girls and boys. The curriculum includes individual and team sports and fitness activities. Activities that may be included in our curriculum are dance, games, tennis, volleyball, basketball, aerobics, ping-pong and other recreational activities. Physical fitness is emphasized throughout the year with activities that improve strength, agility, flexibility and cardiovascular fitness. Through these activities, the physical, emotional and social growth and development of the individual is perpetuated. An EMS gym suit, tied shoes and a sweatshirt or jacket are required dress for physical education class.

HEALTH 8 One Quarter (2nd semester)- Eighth grade students study maturation and family life including the following topics: pre-natal development, childbirth, puberty, dating, teenage pregnancy, family planning and sexually transmitted diseases.

EXPLORATORY COURSES (ELECTIVES)

EXPLORING FOREIGN LANGUAGE One Quarter- Students will receive an introduction to the phenomenon of language, its development, language families and language relationships. This course will provide experiences with the following languages and cultures: Spanish, French and German.

SPANISH COMMUNICATION CONNECTIONS -One Quarter: This course focuses on structure, vocabulary acquisition, original responses and dialogues. This course is neither the pre-requisite to, nor the equivalent of the yearlong eighth grade Spanish I course and is not intended to prepare students to advance to second year Spanish in high school. Although this course is not a pre-requisite to Spanish I, it is *highly* recommended having this course which will facilitate a more rapid success in Spanish I.

SPANISH I Year (*8th Grade Only*)- Spanish I is an introductory course in which equal emphasis is placed on oral, written and cultural aspects of the Spanish language. Instruction is based on the development of skills in the four areas of language learning: listening, speaking, reading and writing. It is strongly recommended that students enrolled in this course have a "C" or better in English and well developed study habits. This course is equivalent to and follows the same course material as the first year high school foreign language. Upon successful completion, the student will progress to second year Spanish in ninth grade.

Keyboarding-This is a course that allows students to develop and refine their keyboarding skills using an online typing program. At the end of the course, it is our goal each student will have gained the skill to key at least 30 words per minute with at least 95% accuracy. Basic instructions on using the computer will be included in this course.

Multimedia-This course is designed for students with some computer experience and familiarity with software programs with an emphasis on learning to use a variety of programs to communicate in a diverse and changing world. Some topics that may be covered include: copyright, desktop publishing, graphic design, web design, computer programming (video game production), animation, music and voice recording, photography and movie making. This is a very creative, hands-on class which will help foster independence and responsibility.

Exploring Word Processing-This course will explore the topic of word processing and how to utilize Word Processing programs in a diverse and technology based society. Various document software programs such as Word and Google Docs may be used.

Exploring Digital Presentations-This course will explore the topic of digital presentations and how to utilize them in a diverse and technology based society. Various presentation software programs such as PowerPoint and Google Slides may be used.

Exploring Spreadsheets-This course will explore the topic of spreadsheets and how to utilize them in a diverse and technology based society. Various spreadsheet programs such as Excel and Google Sheets may be used.

Exploring STEM-Exploring Technology is an elective course comprised of 20 STEM-related modules that provide hands on learning. Examples of modules include 3D Printing, Applied Physics, Engineering Towers, Rocketry and Space and Video Production. Students select four of the sixteen modules for each nine-week period. Students may enroll six times in their two years at the middle school.

DRAWING One Quarter- This art class will explore a variety of drawing materials and subjects. Materials include pencil, scratchboard, marker, charcoal, colored pencil, pastels and ink. Perspective drawing, portraiture, still life and independent drawings will be incorporated into a variety of projects.

CERAMICS One Quarter- Students will explore the use of clay in a variety of hand-built projects. Techniques included are coil building, pinch and slab. Projects will be constructed and fired in a kiln, then painted or glazed.

NOTE: painting and crafts will be offered on odd-numbered enrollment years. Sculpture and Illustration will be offered on even-numbered enrollment years.

PAINTING One Quarter- **(2019-2020)** This course will explore a variety of painting techniques during the production of several projects. Mediums will include tempera, watercolor, acrylic, and ink.

CRAFTS One Quarter- **(2019-2020)** Students will explore a variety of craft projects in which elements of design will be stressed. Examples of projects, which may be included, are stained glass, batik, enameling and weaving.

ILLUSTRATION One Quarter- **(2020-2021)** Students in this course will learn a personal approach to the problems of the art illustrator. It provides instruction in lettering, poster advertising, composition and color. Units of study include printmaking, logo design, and cartooning.

SCULPTURE One Quarter-**(2020-2021)** This course is designed to explore different sculpting projects in a variety of materials. Media which might be included are paper, papier-mâché, wire, plaster craft metal and other materials which may be used to create three-dimensional art.

BAKING One Quarter- Learn to use the kitchen while preparing delicious baked foods. This introductory class focuses on the basics: reading and understanding recipes, measurements, safety, sanitation and function of ingredients. Experiences in the lab encourage teamwork, time management and teach specific preparation techniques unique to the baked product. Labs include: cookies, muffins, biscuits, loaf quick breads, pastry, yeast bread and cakes.

MAKING MEALS One Quarter- Learn to prepare simple, nutritious meals and snacks for yourself and your family. Basic principles of food preparation and safety and sanitation are covered. Food labs include traditional breakfast foods such as pancakes and eggs. Other labs include lunch and dinner foods such as main dishes, side dishes and desserts. Students will

practice proper table setting and etiquette by making a complete meal. Time management and teamwork skills are also addressed.

DECORATING One Quarter- Learn how to make your room a special place. The basics of housing and interior design are examined - the elements and principles of design, color, window treatment, furniture arrangement, and accessories. A practical problem solving assignment is to plan and draw a bedroom to scale including a cost analysis of furniture and accessories. Designing a miniature bedroom in a box is a fun project students enjoy.

SEWING One Quarter- Sewing is fun and challenging. Completing a project you've made yourself is very rewarding. Students learn to use the sewing machine by creating a pillow, then selecting independent projects such as a tote bag, fun pants, boxers or pajamas. Hand sewing and a study of fibers and fabrics is included. Students may enroll in this class a second time and make different projects.

CHILD CARE One Quarter- Learning to care for young children from newborn to elementary age children is the main focus of this class. Students may choose to take home a "Real Care" baby simulator or do an alternate project to learn about caring for children. Characteristics and needs of children at different stages of growth and development are studied. Baby-sitting, storytelling, play materials, nutrition, discipline and handling emergencies are included. Students will organize a "Kids Day" to provide an opportunity to interact with young children, plan activities and understand the importance of toys and play.

COOKING (*8th Grade Only*) One Quarter- Experiencing and problem solving with foods and recipes, special dietary concerns, low-fat cooking and nutritious recipes are some of the topics covered in this class. The relationship of food and health is examined through a study of the nutrients, MyPlate and Dietary Guidelines. Labs include foods from each of the food groups found in MyPlate.

OFFICE ASSISTANT (*8th Grade Only*) Students may gain experience in handling many office tasks that are vitally important to the operation of our school. Messages, filing, processing of supplies, etc. are some examples of the many things to be done. Above all, the students must learn how to work with people and complete assigned tasks responsibly. Students will work in the administrative office, library and counseling office. The student's grade will be based on consistency of work, accuracy and cooperative relationship with other office assistants, and the response to guidance from office personnel. Students must be in good academic standing and remain academically eligible to be an office assistant.

CHOIR One-Four Quarters- A non-auditioned vocal group where students will sing, learn vocal technique, sing varied styles of music and will be performing at least once each quarter. Students may have the opportunity for solos as well as small groups. We will also learn music theory fundamentals and utilize solfege/sight-reading.

BEGINNING BAND: One to Four Quarters- Beginning Winds and Percussion is a class is open to any student who has never played a band instrument prior to this school year. Students are expected to have their own instruments (which can be rented or purchased from a music store). The school may provide some of the larger instruments. Percussion students will have the opportunity to learn how to play most of the percussion instruments including snare, bass, timpani, cymbals and all available auxiliary percussion. Students are expected to have their own snare drum, sticks and an interest in having serious fun.

This class is offered for the entire year but those students who progress more quickly can move to the advanced band. This is an easy transition since beginning class meets AT THE SAME TIME as an advanced band. This class will utilize portfolio assessment. Students will have daily access to all assignments and will have multiple opportunities for success on most, if not all work assigned.

BAND: One to Four Quarters- There are two sections of Advanced Band; neither band requires an audition. Each band performs challenging middle school level and some high school level music literature. This class has an incredible amount of fun and performs three to four concerts per year. Daily rehearsals will have students work on musical fundamentals through performance of sheet music and method book(s) exercises. Both of the Advanced Bands (and usually the Beginning Students are included in the Advanced Band by the end of the year) will present a GRADE SCHOOL TOUR SHOW where the Eisenhower Bands travel to the area feeder grade schools and present a 30-minute concert at each school.

BEGINNING ORCHESTRA: Beginning orchestra class offers the experience to develop the necessary techniques to play at the middle school level. Instruments offered are violin, viola, cello, and bass. Students who are continuing an instrument they learned in elementary school are welcome, as well as students changing to a new instrument.

Starting with enrollment requests for the 2019-20 school year, students requesting middle school beginning orchestra will be required to enroll in private instruction to establish basic knowledge and ability of string techniques. They will need to demonstrate, via audition, that their study has provided them with the necessary foundational skills to function in a group setting with more experienced peers. Necessary beginning techniques include posture, left and right hand position, bow control and accurate note reading.

ORCHESTRA: One to Four Quarters Experienced, knowledgeable string players will expand their techniques through daily practice. New skills will be learned and a repertoire will be prepared for quarterly performances. Each quarter builds on previously learned techniques, so all-year enrollment is strongly encouraged.

GUIDED STUDY HALL: One to Four Quarters- This course is offered to students who need a class period each day for help with organization and assignment completion. This class may be required for students based upon work completion and/or teacher recommendation. Guided Study Hall may also be requested by parent/student as needed when openings are available if not required.

MTSS INTERVENTIONS

USD 383 uses the MTSS (Multi-Tiered Systems of Support) model to ensure that all students receive the support they need to meet educational goals. Students complete a screening assessment in the fall, winter, and spring to help teachers better identify which students are likely to meet end-of-year learning goals in math and reading, as well as students who may need more targeted intervention. All students receive core (Tier 1) instruction in math and reading.

Students who need additional support receive a Tier 2 or Tier 3 intervention in addition to core instruction to help accelerate their learning. Intervention courses are listed below.

READING- Reading is a course designed to meet the needs of students with a wide range of reading abilities. Each section of this course focuses on a particular skill or set of skills (phonics, fluency, and/or vocabulary and comprehension). Students will be enrolled in the section that best fits their needs. Students will work with many different types of text, both fiction and non-fiction, to improve skills and increase efficacy. Some texts will be assigned and others will be self-selected. Comprehension, collaboration and presentation of knowledge will be displayed in many ways by students and project based learning will help support literacy as a whole. Reading is a Tier 2/Tier 3 intervention designed to support students who show risk of not meeting grade level benchmarks by the end of the year. **Reading may be required for students who demonstrate a need for additional support based on screening scores and/or classroom performance.**

MATH LAB- Math Lab is a course designed to meet the needs of students with a wide range of math skills. A large portion of the course uses an online program called Ascend Math. Ascend Math diagnoses student's skill gaps based on Kansas State Standards and Common Core Standards. It prescribes individual learning paths regardless of grade level. Students only work on the objectives they do not know. Ascend Math motivates students through a blend of award-winning video instruction and online explorations selected for them. Intervention students work at their own pace filling gaps quickly. Math Lab is a Tier 2/Tier 3 intervention designed to support students who show risk of not meeting grade level benchmarks by the end of the year. **Math Lab may be required for students who demonstrate a need for additional support based on screening scores and/or classroom performance.**

ENGLISH TO SPEAKERS OF OTHER LANGUAGES (ESOL)-

Please contact counselor to inquire about enrollment in the course. This assigned course offers the students, whose native language is NOT English, the opportunity to improve their reading, writing, speaking and listening skills. A great variety of activities and a colorful curriculum make language learning interesting and exciting. Another important aim of the ESOL program is to promote the students' successful transition into the American educational system.

SPECIAL ED PROGRAMS CORE EXTENSION:

Successful completion of 7th grade gifted education goals and recommendation of gifted facilitator are pre-requisites for this course.

Core Extension is a series of four one-quarter courses designed for students who have qualified under the gifted program to provide an interesting and challenging educational experience. Each Core Extension course is an extension of the core courses students are required to take. Seventh grade students are encouraged to enroll in the first quarter Core Extension course. This course has study and organizational skills embedded and will help student's transition to middle school. Eighth grade students are encouraged to enroll in the 3rd quarter Core Extension course where, in addition to the course taught, assistance will be given to students enrolling in high school and trying to determine their course schedule. Eligible students can enroll in one, two or three of the four quarters.

LEARNING STRATEGIES - One to Four Quarters:

All special programs are as closely tied to regular classroom instruction as is possible. Key features of special education services include:

- Individual education programs
- Least-restrictive environment--instruction delivered in a way that is most like a "typical" classroom (as much as is beneficial to the child);
- Parents' rights--to participate in the development of programs for their children and to participate in placement decisions.

Parents who have questions about special education services for their child should contact the building principal.

The Kansas State Department of Education maintains a toll-free number (1-800-332-6262), which may be called for additional information or resource materials on special education services, rights, and procedures.