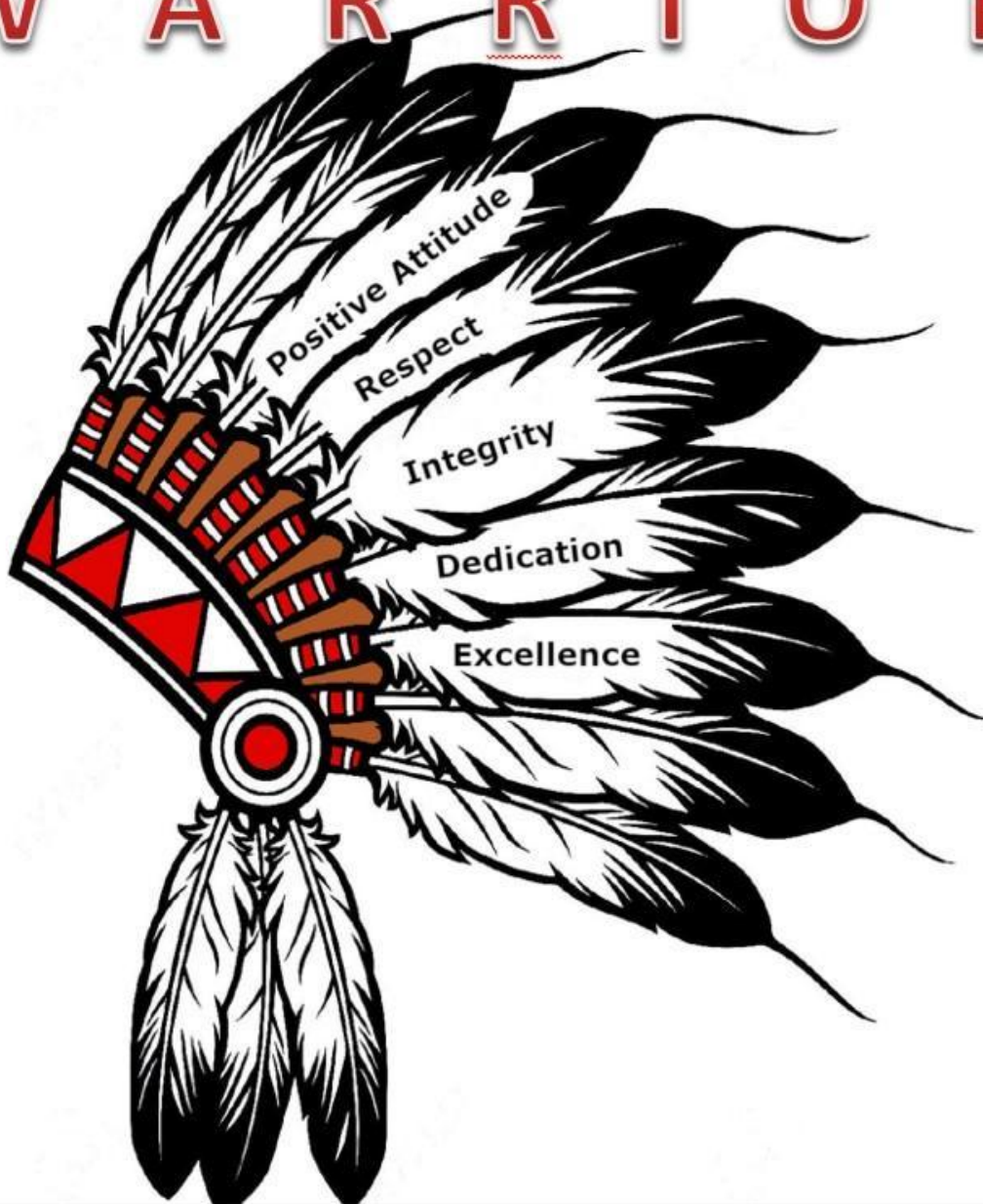


Kootenai High School Course Description Handbook

W A R R I O R



English Language Arts

English I and II: For freshmen and sophomores respectively, addresses the content standards adopted by Idaho. This includes reading both literature and informational texts with an ability to identify, understand, and interpret literary elements and conventions. Students will think critically about what they read, and will be able to evaluate sources of information. In addition, students will write using appropriate grammar and mechanics, and will be able to focus that writing based on audience and purpose. Finally, students will learn to listen for meaning and present information effectively in discussion. Both freshmen and sophomores take the ISAT ELA test in the spring, and sophomores take the PSAT in the fall.

English III: Taken by juniors and continues the work of the earlier English classes, with the focus shifting to American literature. Critical thinking about the literature and the socio/economic factors that influenced different writing trends will be emphasized, as will research and writing. Juniors take the SAT in the spring.

English IV: Class for seniors that includes a survey of British and/or World literature. Seniors will also produce a senior paper in conjunction with the Senior Project, and a portion of this class will focus on honing research skills to that end. In addition, students will work on writing related to career and college readiness, which could include scholarship essays, letters of interest, and resumes.

English IV Honors:

The Honors section of English IV will be responsible for the same standards. However, for each literary unit, Honors English students will be given a short paper or project that will help them demonstrate a greater depth of understanding of the works within that unit. As an example, the first unit in English IV covers the early Anglo-Saxons in Britain, and the students read some of the earliest literature. All students will have an assignment over each of the reading selections, and all students will have a Unit Test at the end of the unit. The Honors students will write an essay explaining how the epic of Beowulf is a reflection of the values and fears of that early society. Thus, the students are demonstrating a greater ability to synthesize the information and analyze the cultural implications, expressing that in a final essay. They are not doing a great deal more work; rather, they are drawing on some critical thinking to analyze the work. In order to earn Honors credit, the students will write longer senior papers, increasing that requirement by two pages. Again, the expectation will be that the students incorporate additional critical thinking in their approach to the topic.

Speech: One semester class that is required by the State of Idaho for graduation, typically taken in 11th grade. Speech class includes interpersonal communication and public speaking, with plenty of time for practicing both! Additionally, the class includes a survey of Parliamentary Procedure.

Foreign Language

German 1: This year introduces students to the German language. This class will give the beginning student the vocabulary necessary to communicate on a basic level with German speakers on a variety of familiar subjects such as school, home, activities, etc. The student will learn how to formulate sentences and dialogues through listening, speaking, reading, and writing. Cultural activities will accompany language lessons to acquaint students with food, artistic expression, and diversity of the German-speaking world. Students will acquire vocabulary and structures to exchange basic information about themselves, relating to name, age, origin, family and interests. They also learn basic vocabulary to do math and tell time. We will cook, create various slide presentations and posters. Curriculum will include textbooks, online activities, and videos.

German 2: Students will continue the basics begun in German 1, but will also be introduced to the accusative case and past tense. We will watch German language TV shows and movies to help increase our understanding of spoken German. Students will create presentations and as in German 1, cook some amazing foods.

On-Line Classes

IDLA stands for Idaho Digital Learning Alliance, meaning that courses are taken in an online format. Most courses are offered in a semester format, where students can choose to take a class to fit into their existing schedule. The courses offered vary from year to year, however most core courses are available in the event a student is in need of a recovery credit. In addition, there are many electives that we do not have the ability to teach on our campus. If you are interested in learning more about available classes, please visit with the counselor, IDLA coordinator, or visit the IDLA website at www.idahodigitalllearning.org

Math

Algebra 1: Passing Algebra 1 is a state requirement for students to graduate. In this first Algebra course, usually taken freshman year at KHS, students will be exposed Algebra 1 skills building on skills covered in pre-Algebra, including Linear Relations and Functions, radicals, rational and irrational numbers, inequalities, and systems of equations. Students will conquer Linear and quadratic equations with the ability to quickly recognize them in several forms and be introduced to polynomials and conic sections. Students will need to keep a record of notes and use a scientific calculator (TI-30XIIS is recommended) and may be introduced to a graphing calculator.

Algebra 2: In this second Algebra course, usually taken junior or senior year at KHS, students will be exposed to a deeper look at Algebra 1 skills reviewing Linear Relations and Functions, including inequalities, systems of equations, and matrices. Next we will review and go more in depth in Quadratics, Polynomial, and Radical Functions and Relations, including inverses and radicals. You will be exposed to and work with advanced functions and relations, such as Exponential and Logarithmic functions,

Rational functions, and Conic sections. Discrete mathematics is touched on with Sequences and Series, the course ends with more exposure to probability and statistics and an introduction to Trig functions.

Students will need to keep a record of notes and use a scientific calculator (TI-30XIIS is recommended) and may be introduced to a graphing calculator.

Advanced Math: Preparing for Post High School Careers: For seniors, KHS has traditionally offered “Advanced Math,” which is a combination of Pre-Calculus and Trigonometry skills that help prepare the more serious math students for a career path that may require math background in college. Some of the Algebra 2 skills will be reviewed and utilized to make sure a solid foundation in Relations, Functions and Graphs background is available. Students will encounter and readily utilize graphing calculator applications. A few of the other topics covered will include Statistical Variation and data analysis, Trigonometry including Trig functions and identities, Graphs and Inverses of functions, Vectors, Polar Coordinates and complex numbers as well as an introduction to calculus with limits, and derivatives and Integrals will be approached.

Junior Math: An elective, junior math is the opportunity to shore up math skills of the past in order to keep afresh of and revisit skills that students need to graduate high school with a stronger basic math skills foundation. Students take the SAT their junior year and need to continue to have good math sense going into their senior year of math as required by the state of Idaho and have success in math they may encounter in the future. Students will utilize a supplemental online program called “Get More Math!” several times a week that hone the skills covered by the teacher each day.

Geometry: Passing Geometry is a state requirement for Idaho students to graduate. In this course, usually taken sophomore year at KHS, students will be exposed to common core Geometry skills including topics such as Congruency, Proofs, Constructions, Angle relationships, Transformations, Similarity, and Trigonometry; working in 3 dimensions, Algebra connections for Coordinate Geometry, and Circles. Students will need to keep a record of notes and use a scientific calculator when needed (TI-30XIIS is recommended) and may be introduced to graphing software or a graphing calculator. So, get your compass, protractor, straight edge and get ready to construct and analyze!

HONORS option:

To obtain honors credit and a weighted GPA opportunity, students will need to put in the extra work required and must meet criteria #1 and then have the choice of two of the other options:

1. Have an A or B average for the semester.

PLUS must DO any 2 of the Following:

2. Do the majority of the extra work available, which may be electronic (Getmoremath.com). This means utilizing the GMM program weekly and getting points above those required in class.

3. Research and report on a famous mathematician. This report can be scheduled as a powerpoint +oral presentation OR a written paper of 800 words or more.
4. Research and report on 2 or more Career opportunities that involve higher level math. This report can be scheduled as a powerpoint +oral presentation OR a written paper of 800 words or more.
5. Create a project or investigate a project that uses precalculus or trig skills and turn in a detailed analysis of your results.

Science

Earth Science: 9th Grade. Core Science class explores the processes of how the Earth was created and the geological changes it continuously experiences. Students will explore the composition of the Earth, learning about its various minerals and rocks. They will also learn about Earth's processes. How tectonic plates, volcanoes, earthquakes, it's atmosphere and how weather shapes the planet. Students will also learn about the solar system, Earth exists in, and how our Earth can hold life. Finally, students will learn how humans impact our planet.

Chemistry: 11th and 12th Elective*Algebra 1 Required Chemistry is a physical science that observes what the universe is made of and how that "stuff" interacts with everything else. This class uses both math and science to observe the natural world and how it is ordered. Students will observe the world both at the microscopic level and the macroscopic scale. This class is both lecture and lab intensive allowing students the opportunity to observe many natural phenomena.

Physics: 11th and 12th Elective*Algebra 1 Required. Physics is a physical science that explains how things work in our universe. Students will learn to mathematically calculate how things such as gravity, acceleration, and electricity work. Students will learn about how the fundamental particles of the universe (Atoms and Molecules) and how those particles move in space and time and interact with other particles.

10th Grade Biology

Biology is the introduction to the life sciences. It will encompass the basics of biochemistry, cell biology, cell processes, genetics and heredity, the evolution of life, taxonomy, ecology, and an introduction to dissections and the human body systems. This course has a lab component and students will need to maintain a lab book to explore the scientific processes through several dry and wet labs.

10th. Grade Honors Biology

This course will be taught concurrently to Biology, but will include additional projects and assignments that will demonstrate greater depth of knowledge and show critical

thinking and information synthesis. Students in Honors Biology will be able to demonstrate additional mastery of topics.

Forensics: 9th-12th Elective. One Semester. Forensics will be taught in the first semester and will focus on the application of science to how it is used to recover evidence. This will focus mainly on how science is used to fight crime. Topics will be explored through lecture and laboratory work. This class may have some topics that are disturbing for some people.

Environmental Science: 9th-12th Elective. One Semester. Environmental Science will be taught in the second semester and will focus on how scientists look at environmental issues. Lots of time will be spent examining how humans have interacted with the natural world, and the changes they have made on the planet. Students will learn about the Earth's resources and how we manage them.

Anatomy and Physiology: 11th and 12th Elective. Biology Required. Anatomy and Physiology focuses on the Anatomy of the Human body and how that anatomy affects physiology. Students will examine the different systems of the human body from microscopic anatomy, to the processes of the digestive system. Students will also examine how these systems work together under normal conditions, as well as any abnormalities these systems endure. This class will include lecture and laboratory work in which students will examine how the human system operates.

Microbiology: 11th and 12th Elective. *Biology Required. Students will observe and learn about the world that can't be seen with the naked eye. This includes flora, bacteria, fungus, viruses, and small animals. Students will learn about specific anatomical structures of these organisms and how they grow and propagate. A large portion of this class will also be spent discussing how microorganisms attack the human system, describing anatomical features, epidemiology and cytology.

History of the Earth: 9th-12th Elective. One semester. Students will learn about the origin of the Earth, how it was formed, and how life arose on this planet. Students will then learn about the timeline of life on Earth and how it has changed over the eras. Flora, fauna, and animals of the different eras will be explored as well as why these organisms rose and fell.

Astronomy: 9th-12th Elective. One semester. Students will explore the formation of the universe, and its components. Students will learn about the celestial bodies, how they formed, and how they interact with each other; These include but is not limited to stars, moons, planets, and other celestial bodies. Students will learn about unique features of these bodies and their structure.

Drone 101: 11th and 12th Preferred. Age 16 Required by Spring Term. Drone 101 is an elective class in which students will learn the anatomy, function, and science behind unmanned aerial craft. Students will be taught how to properly maintain drones, fly them safely, and in the spring hopefully take their remote 107 license to become a licensed drone operator. Safety will be heavily emphasized and students who do not

uphold certain standards will not fly. In addition to basic flight, students will learn how to do basic videography and edit their footage.

Social Studies

Government: Seniors taking this U.S. Government course will gain a broad understanding of political organization, mostly focused on the political system of the United States. In doing so, a close analysis of essential and founding documents (such as the United States Constitution and Declaration of Independence) will help establish a deep understanding of the political structure of our country. This course, however, also includes a deep understanding of *how our government works* by including analyses of important leaders, movements, political ideologies, individual rights, laws, and current issues. In addition, students will come to contrast comparative political systems around the world and throughout history to build a context for our current government and a deeper understanding of the role of politics in everyday life. Upon completion of this course, students will prepare for and take the United States Citizenship Test which is a state requirement for graduation. This graduation-required course is composed of two, 1-credit semesters and is recommended for Seniors who have completed U.S. History.

U.S. History: Juniors taking this U.S. History course will gain a broad understanding of the essential historical developments of the United States from its pre-founding Natives to the present day. This course is an extension of 8th grade U.S. History—whose content is focused primarily on the nation’s founding through the Civil War—so special analysis is paid to the 20th Century for Juniors. Close analysis of important historical social and cultural trends, leaders, conflicts, technologies, legislation, and court cases give students a broad understanding of the development of the current political and economic status of our country today. Required for this course is the completion of a United States-oriented research paper which successfully shows student mastery in research, citation, grammar, and historical analysis. This graduation-required course is composed of two, 1-credit semesters and is recommended for Juniors who have completed 8th grade U.S. History and World History.

World History: Sophomores taking this World History course follow the development of humans from their prehistoric ancestors to the present day. This course seeks to answer questions for students about the status of the world today and the role of humans in it. To give students context for their world, we analyze primarily the development of political and economic systems, human rights, technology, warfare, resource dependence, and culture. Throughout the course, students develop an historical model of their understanding of the world, its ideologies and cultures, and its current concentration of power. Required for this course is the completion of a World History-oriented research paper which successfully shows student progress and development in research, citation, grammar, and historical analysis. This course is composed of two, 1-credit semesters and is recommended for Sophomores.

Economics: Juniors taking this course develop a solid understanding of the study of human choices, also referred to as economics. While this course does encompass a close analysis of money and banking systems in the United States, it also includes a much broader understanding of the power and role of economics in everyday people's lives and the choices they make. This course is broken down into two main parts: microeconomics, or the study of individual economic choices of consumers and businesses; and macroeconomics, or the study of the entire economic system as a whole including choices of governments and international organizations. Students in this course will develop budgeting, personal finance, and job interviewing skills, as well as an understanding of stock markets through simulations. This course is required for graduation, is 1 semester long, and is recommended for Juniors who are also enrolled in U.S. History.

Military History: This elective course studies the development of the history of warfare from prehistory to the present day. In this course we will examine the history of warfare paying special attention to the development of our current style of war while, along the way, analyzing a deeper meaning of warfare focused on a single question, "Why do humans make war and what is the impact of waging it?" The primary focus of this course will be on Western/European military history, although Asia, Africa and the Americas will receive some attention as well. In doing so, each unit will cover a chronological history of the world thru major wars, battles, strategies, tactics, arms, armors, and technologies. Together we will build a better understanding of the weapons of warfare as well as its causes and effects in order to grasp how warfare has shaped history. In doing so, we will have to consider matters of innovation, sociology, politics, economics and even psychology. This course is one-semester long and is recommended for Juniors and Seniors who have completed World History and/or are currently taking US History.

Leadership: Leadership is an elective class for students who want to develop their own leadership qualities as well as help lead their school and community. Leadership class involves activities that promote a sense of school-culture such as creating posters, planning for and conducting assemblies and other school related activities. Leadership students usually put on at least one community project each year such as Food and Clothing 'Drives'. Through the course, students become better leaders themselves while helping to lead their school and classmates. There is no required age, but this class is recommended for students who are eager for self-discovery and improvement and want to participate in school culture-building activities.

World Geography: This year-long course will examine, essentially, the shape of the earth and its features paying special attention to their effects on the human race as well as those effects that humans have on their planet as well. Students in this class will gather a stronger understanding of Earth's physical features and their effects on weather, migration, and political boundaries as well as human development on a broad scale analyzing the various ways humans are impacted by their world. Along the way, we hope to continually analyze the question "How are humans affected by their planet and how has that impact influenced the development of the human race?" This is a year-long class with the first semester focusing on the Western Hemisphere and second semester

focusing on the Eastern Hemisphere. While covering these areas, we will analyze the various countries and political makeup of each country as well as primary resources, trade, and conflicts revolving around these areas. This class is recommended for Juniors and Seniors who have completed, or are currently enrolled in, both World History and US History.

Interdisciplinary Humanities: This 1-semester elective course is based on improving student's discussion, critical thinking, research, debate, and presentation skills while allowing for student-driven discoveries. This course follows the curriculum of Interdisciplinary Humanities where various aspects of the 'human condition' are explored; topics range from politics to anthropology from art to economics. Generally, this course emphasizes self-discovery and development through group discussion and analysis of various aspects of our world past, present, and future. Along the way, students are provided guidance by the masters of their respective realms. For example, students might consider Plato's writings on politics and virtues; ethical issues and ideas from Hume, Hobbes, or Locke; futuristic outlooks from Musk and Ma. In each instance, questions are posed by students and discussed, debated, or presented on with literary guidance by the teacher to provide students with a stronger understanding of themselves, their beliefs, and the world around them.

Contemporary World Issues: This 1-semester elective course is focused on giving the student a better understanding of current events both nationally and internationally. The course is mostly structured around news, and watching daily news is a significant portion of the content of this course. In order to gain a better understanding of the issues today, we'll study the historical, social, scientific, and political roots of each issue. Debates and discussions are a large portion of this course, as well as research and presentations. In this course we take a "deep-dive" into the issues and students should be well-versed in the major issues impacting their lives and their world by the time the course ends. This class is open to all High School students, but students who are enrolled in or have completed World History, US History, and Government will gain a significantly more well-rounded understanding than younger classmen.

Anthropology: This 1-semester class is devoted to the exploration and analysis of the development of humans from their ancient ancestors to the modern day. In this course we will use studies and tools from the disciplines of biological anthropology, cultural anthropology, anthropological linguistics, and archaeology to help us better understand our species. Indeed, the anthropological perspective is holistic and focuses on every aspect of man: the great tool maker! Students in this course will be able to answer big questions such as "who are we? Where have we come from and where are we going?" This class is open to all High School students, but students who are enrolled in or have completed World History will gain a significantly more well-rounded understanding than students who have not participated in the fundamental history of our species.

Sociology: This 1-semester class will primarily analyze human culture. This course will be a deep study of society; we will contemplate patterns of social relationships, social interaction and culture of everyday life. Sociology is a social science that uses various methods of investigation and critical analysis to develop a body of knowledge about

social order, acceptance, and change or social evolution. Through completion of this course, students will be better able to understand the impacts of society on themselves as well as various other forms of culture around the world. This class is recommended for students who are enrolled in or have completed Sophomore World History and pairs especially well with Juniors taking Economics and Seniors taking Government.

History Through Film: What role does film have in not only portraying our history but also shaping our ideas within a historical context and/or collective historical memory? This is the primary question(s) of “History Through Film” the 1-semester class that involves a deep analysis of films of historical and cultural importance. In this class, we will be watching films that have shaped our historical perspectives as a culture as well as films that were pivotal in representing the society in the time period which they were made. But this class is not just about watching movies, students will be required to analyze the historical “narrative” created by each film and will gain a better understanding of entertainment-as-history. This class is best suited for students who are enrolled in or have completed World History and US History, although any student should gain a strong appreciation for the role of film in society as a result of this class.

Psychology: Psychology is the study of the human mind and behavior, and students will explore that concept through units covering history and ideologies, research and methodology, the brain and nervous system, sense and perception, states of consciousness, growth and development, motives and emotion, and mental health. The class is an excellent preparatory course for students planning to go to college, but also has applications for non-college bound students.

Intro to Art History: This course is designed to introduce students to a variety of ancient art and artifacts from around the world. Throughout the year we will examine the architecture, artifacts, and art of ancient Mesopotamia, Egypt, Mediterranean, Mesoamerican, Africa, India, Far East Asia, Islamic and Medieval Europe. Throughout the course we will move from one region to another examining the various cultures and how the art of each gives us insight into its people. We will discuss how cultures came into contact with one another and how they changed and developed as a result. The goal of this course is to give students a basic knowledge of ancient and medieval art and how it evolved over time.

Ancient World Cultures: This one semester course is designed to give students an understanding of the awe-inspiring ancient civilizations of Mesopotamia, Egypt, the Levant, India, China, Greece and Rome and their role in shaping our world. This project-based course gives students the opportunity to explore these ancient cultures and compare their way of life with ours in the modern-world today. Students who complete this course will walk away with a basic knowledge of ancient geography, civics, history and a deeper perspective of how our modern world has been shaped by those who came before.

World Religions: This one semester course focuses on the major world religions who have played a role in shaping history. Throughout the course we will trace the major developments of Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism,

Shintoism, and Taoism. Students will explore the relations of these religions with social institutions and the societies they impacted. Students will also analyze the primary beliefs of each religion and compare and contrast. Students who complete this course will have a basic understanding of the major world religions in terms of their beliefs and how they shaped human history.

Establishing Modern Europe: This one semester course traces the history of Europe from the Fall of Rome to the modern-era. Throughout the course we will analyze the developments of Medieval Europe and how it transformed into the political and economic power that it is today. Students who complete this course will be able to explain how Europe developed from a poor decentralized society to social and political dominance in the modern-world scene.

History of Sports and Entertainment: This course is designed to give a survey of how human-beings have entertained themselves throughout history. In this course we will look at the history of the major world sports, American sports, television, music and more. We will analyze the role that entertainment has played in the human experience and how it has evolved over time. Students who complete this course will gain a basic understanding of the evolution of sports and entertainment throughout human history.

Project Based Communications: Class that basically does Demonstration Speeches all year long! We will be looking at a variety of topics including (but not limited to) cooking, sewing, crafts, physical activity and sports, self-defense, car care, home projects, and self-care. We will also have plenty of opportunity for student voice in selecting project topics. Once a topic has been assigned, students will demonstrate their understanding of the topic by “creating”cooking something, making something, doing something! Some of this will be individual, and some will be in groups. The actual presentations may look something like a YouTube demonstration, or a Ted talk, or a Public Service Announcement. This can be a one semester class, or a yearlong adventure.