



# **Waverly High School Course Catalog 2024-2025**

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## 1. Graduation Requirements

The Waverly School's graduation requirements exceed the minimum entrance requirements of the University of California. The school offers a range of Advanced Placement and Honors courses; all courses are approved by the University of California. As a result, Waverly graduates are well prepared for the college application process.

Waverly's high school requires 22 credits for graduation. One credit is the equivalent of a year-long course, and Waverly's high school is a four-year program. Graduation requirements include:

- English: 4 credits
- History: 4 credits
- Math: 3 credits
- Science: 3 credits
- World Languages: 3 credits
- Arts: 2 credits
- Advanced Coursework : 3 credits
- Physical Education: 2 years
- Service Learning: 60 hours
- Social Justice and Grade Level Seminars: 9<sup>th</sup>/10<sup>th</sup>/11<sup>th</sup>/12<sup>th</sup> grade years

## 2. Program Overview

A typical four-year program for Waverly students follows the guidelines listed below. All Waverly courses are year-long classes except where noted.

### Freshman Year

- English I: Ancient Literature
- Mathematics: Algebra I or Geometry
- Ancient History
- Science: Introduction to Physical Science
- Spanish I or II

- Visual or Performing Arts Elective (University of California Visual/Performing Arts requirement)
- Grade Level Seminar/Social Justice Seminar
- Waverly Athletics and/or Physical Education
- Advisory

### **Sophomore Year**

- English II: American Literature
- Mathematics: Geometry or Algebra II
- US History or Advanced Placement (AP) US History
- Science: Chemistry
- Spanish II or III
- Arts Elective
- Grade Level Seminar/Social Justice Seminar
- Waverly Athletics and/or Physical Education
- Advisory

### **Junior Year**

- English III: 2 one-semester classes linked to history classes (combined junior/senior classes)
- Mathematics: Algebra II, Pre-Calculus, or Data Science
- History or Social Science: 2 one-semester classes linked to English classes (combined junior/senior classes)
- Science: Biology or AP Biology

- Spanish III or IV
- Arts Elective
- Grade Level Seminar/Social Justice Seminar
- Advisory

### **Senior Year**

- English IV: 2 one-semester classes linked to history classes (combined junior/senior classes)
- Mathematics: Pre-Calculus, Data Science, Mathematical Modeling, Statistics, Calculus, AP Calculus AB, or AP Calculus BC (math courses offered depending upon enrollment)
- History or Social Science: 2 one-semester classes linked to English classes (combined junior/senior classes)
- Science: Physics, AP Physics 1, Intro. to Neuroscience, AP Environmental Science, Astronomy & Cosmology, or Physiology (science courses offered depending upon enrollment)
- Spanish IV, V, or AP
- Arts Elective
- Grade Level Seminar/Social Justice Seminar
- Senior Project
- Advisory

### **3. Mission Statement**

The Waverly School cultivates curious, resourceful, confident learners who demonstrate intellectual engagement, critical and creative thinking, respect for individual differences, a strong awareness of personal responsibility, and an active commitment to social justice.

To realize this mission, the school embraces the following ideals:

### **Community**

Relationships are paramount at Waverly, defined by trust, understanding, and mutual respect. Meaningful, authentic interactions occur everywhere: in the classrooms, on the playground, on the quad, at the farm, and on outdoor trips. Students collaborate to problem solve, discuss, and make connections. Waverly teachers know students on a personal level, with a keen understanding of cognitive and social-emotional needs. Student-teacher conversations are open, challenging, and playful. Waverly teachers model intellectual curiosity, a commitment to a life of meaning, and the highest integrity. Waverly is a community where students, teachers, and families learn from one another.

### **Progressive Education**

Waverly's educational philosophy asserts that students learn best when they are actively involved in their education, when they become responsible for their growth as students, when they are encouraged to work to their highest level, and when their learning is based on life experiences. Children and young adults develop in stages; Waverly respects and supports each child's journey through these stages. The educational program at Waverly incorporates all aspects of human development — intellectual, social, physical, aesthetic, and ethical — and strives to integrate learning by guiding students to be curious about all that the world has to offer. While Waverly is inspired by the work of John Dewey, Jean Piaget, and Lev Vygotsky, amongst others, the school also pays attention to current research and best practices in education.

### **Diversity and Equity**

The Waverly School is committed to social justice education and thus seeks to provide all members of the community with the tools to recognize and speak out against acts of bias and the discriminatory systems of power that produce structural inequalities. The school is committed to treating individuals with dignity and providing an environment where all members of the community can engage in dialogue, question, learn, and contribute fully. This commitment to full participation encourages community members to be self-reflective about their attitudes toward themselves and others. A diverse and equitable school community makes members better informed, more empathetic, and better prepared to effect positive change in the world. To that end, Waverly fosters an environment in which individual differences of race, ethnicity, biological sex, gender identity, sexual orientation, socioeconomic circumstance, national origin, immigration status, ability and disability, physical characteristics, religious belief,

and all aspects of identity are acknowledged and celebrated.

## 4. English

### English I: Ancient Literature

(9th grade English requirement)

Students explore literature from the ancient worlds and discover how modern texts, movies, and even video games are influenced by these stories. We start with the Sumerian epic of Gilgamesh and move on throughout the world with stories and epics from China, India, Persia, Africa, Europe, and the Americas, including excerpts from *The Ramayana*, *The Monkey King*, and *One Thousand and One Nights*, among others. We read stories in the Bible that are often reflected in literature through the ages (i.e., Adam and Eve, Noah, Job, etc.). We explore the Roman Period through Shakespeare's *Julius Caesar* and end with the Anglo-Saxon epic of *Beowulf* and its 1970 counterpart, *Grendel*. Students write essays, journals, and quick response paragraphs, and participate in creative writing, oral presentations, and related art projects. All texts and curricular materials are subject to change and may differ from the above.

### English II: American Literature

(10<sup>th</sup> grade English requirement)

English II is a survey of American literature. Drawing on work from a wide array of genres and using a variety of perspectives to explore the concept, we examine the intersectional factors that determine how and why different populations experience life differently in the US. Past texts have included but are not limited to *The Great Gatsby* by F. Scott Fitzgerald, nineteenth-century short stories, including those by authors such as Nathaniel Hawthorne and Edgar Allan Poe, *Sula* by Toni Morrison, *Devil in a Blue Dress* by Walter Mosley, *Interpreter of Maladies* by Jhumpa Lahiri, *The Woman Warrior* by Maxine Hong Kingston, a selection of 21st-century short stories, and a survey of poetry spanning the nineteenth, twentieth, and 21st centuries. Students journal, write academic essays, produce creative assignments, and discuss the texts to gain a deeper understanding of the material and acquire and strengthen written and oral communication skills. All texts and curricular materials are subject to change and may differ from the above.

## **English III and IV**

(11th and 12th grades; four semesters (four courses) required: two per junior year and per two senior year)

Students explore literary works with complex concepts and themes, and write creative, expository, and analytic pieces with a progressively higher level of ability. Specifically, students are expected to write essays with clear theses and well-developed arguments. Clarity of expression, critical analysis, and use of specific textual references continue to be emphasized. Grammar, spelling, diction, and style are addressed in the revision process.

***Juniors and seniors complete four of the following semester-long courses to fulfill the English III and IV requirements:***

### **Britain and the World: English**

(Semester course; corresponds with the Britain and the World: History or Early British History (history courses) junior or senior standing required)

This course explores ethical dilemmas and philosophical quandaries as they have been treated in British literature over the last five hundred years. The class begins with *Macbeth* by William Shakespeare, considering the emergence of personal ambition during the Renaissance, and a unit on the Metaphysical Poets (eg. John Donne, George Herbert, Andrew Marvell) that illuminates seventeenth century attempts to reconcile perceived contradictions, such as divine vs. sexual love and hedonism vs. devotion. Essays and satires from the Age of Enlightenment introduce both the optimism and the call for reforms that characterized eighteenth century attitudes. Nineteenth century novels and the poetry of William Blake, Samuel Taylor Coleridge, and John Keats emphasize the importance of the Romantic Movement and the Victorian Age in England, and twentieth-century fiction and drama reflect the difficult choices modern characters have faced in a rapidly changing world. The historical and social contexts for each work of literature are considered along with the evolution of both literary form and content in Great Britain and beyond. Typical texts for this course have included *Silas Marner* by George Eliot, *A Tale of Two Cities* by Charles Dickens, *Sense and Sensibility* by Jane Austen, *Dubliners* by James Joyce, *The Millstone* by Margaret Drabble, and *Arcadia* by Tom Stoppard. All texts and curricular materials are

subject to change and may differ from the above.

### **Literature of China and India**

(Semester course; corresponds with the China and India (history course); junior or senior standing required)

This course explores historical, social, and cultural themes, both past and present, in a literary context. Works of indigenous writers are supplemented by those of Westerners writing about these two countries. In addition, students consider the effect of Chinese and Indian culture as well as writing on the culture and writing of the West. Students explore literary works containing complex concepts and themes and write creative, expository, and analytic pieces with a progressively higher level of ability. Specifically, students are expected to write essays with clear theses and well-developed arguments. Clarity of expression, critical analysis, and use of specific textual references continue to be emphasized. Grammar, spelling, diction, and style are addressed individually in the revision process. Typical reading selections include: *The Columbia Anthology of Traditional Chinese Literature*, *Midnight's Children*, *The Wind-up Bird Chronicle*, and selections from the *Ramayana*, *Upanishads*, and *Bhagavad Gita*. All texts and curricular materials are subject to change and may differ from the above.

### **Advanced Placement (AP) Designation for English Literature**

(By consent of teacher and individual contract only; all AP English course designations are year-long course and student commitments)

Any of the listed English courses beyond English II are considered Advanced Placement level if, by teacher/school consent and student contract, additional coursework is undertaken and satisfactorily completed. Poetry, fiction, and expository writing are all explored for genre, style, language, tropes, historical context, and interpretation, providing students with a thorough knowledge of and experience with AP subject matter. Students meet an extra hour every week for discussion, presentation of work, and AP test preparation.



## **Creative Writing Electives**

(Cross-listed as Arts electives; two semesters of a creative writing elective count toward fulfilling one year of the two years of the UC and Waverly visual/performing arts requirement)

### **Creative Writing**

- Introduction to Creative Writing
- Creative Writing & Publishing
- Advanced Creative Writing

Each of these intensive writing workshop courses allows students to focus on longer writing projects, including working on a novel, a book of poetry, or a collection of short stories. The teacher guides the students through a series of writing exercises and group discussion. Workshop-style sessions allow students to read their work and gather comments from other student writers.

## **5. History and Social Sciences**

(9<sup>th</sup> grade history requirement)

Ancient History is taught in conjunction with Ancient Literature. The course begins with the study of physical and cultural anthropology. The focus is on the processes of natural selection and hominid speciation, and the evolution of hominid bipedality, body form, brain structure, consciousness, and language ability. The cultural selection of social behaviors, technologies, economic strategies, political structures, and religious belief systems is examined in detail. The class studies hunting and gathering bands, tribal societies, agriculture, the establishment of urban cultures, and the origins of State. The cultural and intellectual innovations of the city-states of Mesopotamia and the Persian Empire are given particular attention. Citizenship, sexism, warfare, and the philosophers of the ancient Greek poleis and the Hellenistic Age are key topics of study. Time permitting, the class also does some study of comparative religion by contrasting elements of Zoroastrianism and Buddhism. Readings are challenging and concept loaded and require mastery of specialized vocabulary. Writing clearly and developing solid study habits are a focus.

### **Global Studies: Ancient Civilizations**

(9<sup>th</sup> grade history requirement; when course runs, it replaces Ancient Cultures: History in the curriculum)

This course explores the concept of globalization and global citizenship. The course will draw on historical events and contemporary debates happening around the world. The class will explore cultures from North America, South America, Asia, Africa, Middle East, Europe, and Australia. What does globalization mean? How does movement take place with economic, cultural, environmental and social justice dimensions? This course seeks to explore all these questions.

### **Course Objectives:**

- Introduce students to the history and cultures of various regions around the world
- Explore the various transnational modes of production, trade, and finance
- Develop students' knowledge of different international bodies and organizations such as the IMF, World Bank and World Trade Organization
- Encourage students to engage in cultural inquiry and analyze their assumptions
- Guide students to get comfortable asking social justice-oriented questions as affected by race, class, and gender relations
- Student engagement via Model United Nation participation

### **United States History**

(10<sup>th</sup> grade history requirement)

US History is a survey course that examines American history from the first Native American contact with Europeans to the present. The course is taught in concert with American Literature. Several themes are explored chronologically, including the interplay of race, ethnicity, region, class, and gender in the creation and transformation of American identities and culture; the development of constitutional law and American notions of equality, freedom, and justice; the political, economic, and environmental consequences of physical expansion and capitalism; and the growth of mass culture.

### **Advanced Placement United States History**

(Sophomore standing required/by consent of teacher and individual contract only; all AP US History course designations are year-long courses and student commitments)

This course is similar to the United States History class but covers the material at a faster pace and in greater depth. The AP program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to take the AP examination. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and to weigh the evidence and interpretations presented in historical scholarship. The AP United States History course helps students develop the skills necessary to arrive at conclusions based on an informed judgment, and to present reasons and evidence clearly and persuasively in an essay format. In addition, sample tests and Document-Based Questions (DBQs) are used to prepare students for the AP examination in May. Attendance at extra class sessions is required, as is a two-week summer preparatory class.

### **Art History I: Prehistoric to Medieval**

(Semester course; junior or senior standing required. If taking Art History, both Art History I and Art History II must be taken sequentially.)

In this one semester course, students discover what the making of art across time and throughout history shows us about the people who did the creating, the systems of which they were a part, and their struggles to make meaning of their existence. Through rigorous practice in the frameworks that guide the study of art history, students will become able to articulate and defend their arguments in discussions and written analyses. By placing art in context, students will not only build their sense of historical timelines but grow in their ability to develop and refine their understanding of something outside their own experience. Lectures, field trips to local museums, discussions, analytical writing, and reading will be the primary means of study. This survey focuses on the chronological developments from prehistory to gothic Europe.

### **Britain and the World: History**

(Semester course; corresponds with Britain and the World: English (English course; junior or senior standing required)

A survey of Great Britain from the 18th to the 20th centuries in relation to the rest of the world. Units will cover Imperialism and colonialism in the Americas, Asia, Africa and Australia, and will look at Britain in the World Wars.

## **China and India**

(Semester course; corresponds with Literature of China and India (English course); junior or senior standing required)

This course, taught in conjunction with Literature of China and India, is a comparative survey of Chinese and Indian history that focuses primarily on the period extending from the onset of European colonialism and imperialism to the present. The class begins with a review of the ancient idea systems and social practices of India and China and then moves to circumstances in the two cultures, circa 1700 CE. Topics of comparison may include: cosmological implications of ancient philosophies, family and caste, the experiences of European imperialism, the condition of women, the Boxer and Sepoy rebellions, Mao and M. Gandhi, the Indian independence and Chinese revolutionary movements, the Indian Emergency and the Cultural Revolution, strategies for population control, economic development policies, and popular culture. The class requires extensive reading, several major essays, and student presentations. The final examination is in essay form. All texts and curricular materials are subject to change and may differ from the above.

## **Ethnic Studies**

(Semester course; corresponds with 21st-Century Literature or Twentieth Century Literature (English courses); junior or senior standing required)

Ethnic Studies is a one-semester course that investigates the local and national struggles confronted by communities of color throughout history. It introduces students to foundational concepts and methods for studying the impact race and ethnicity have had and continue to have on the people and systems of the United States. Students study history, literature, music and art through a sociological lens for the purpose of having students develop their own informed framework for interpreting struggle and inequality. The goal is for students to identify and understand why social inequalities in the U.S. persist and how these inequalities are distributed across racial lines. The emphasis will be on Native-Americans, Latinx Americans, African-Americans, and Asian/Pacific Islander Americans, but other groups are also discussed.

In alignment with the Next Generation History & Social Science Framework, The Big Six Historical thinking skills (*Evidence, Ethical Dimension, Continuity and*

*Change, Historical Significance, Cause and Consequence and Taking an Historical Perspective*) will be integrated throughout the course.

## **Psychology**

(Semester course; humanities elective; junior or senior standing required)

The course is designed to be an introduction to the science and profession of psychology. The course will assist the student in the development of a foundation of basic knowledge including topics such as psychology research methods, biology of behavior, sensation and perception, consciousness, learning, cognition, emotion, human development, and abnormal psychology. Relevant case examples and stimulating learning activities will be employed to make the study of psychology come alive to help students better understand themselves and the people around them. This course will allow students to obtain useful background knowledge within the field of psychology while gaining valuable experience within the application of psychological research and data analysis.

## **Societies in Crisis**

(Semester course; corresponds to 21st-Century Literature English course; junior or senior standing required)

Students examine several case studies of societies faced with crucial problems—environmental, ethical, or political—and how they have met, or failed to meet, the challenges inherent in these problems. The nature of cause and effect in history is explored, along with how ideas and attitudes influence the way people in different cultures think and behave. The role of the individual within these societies is also examined. Case studies include the prehistoric culture of Easter Island, British policy toward the American colonies in the 1770s, the origins of the Vietnam War, modern Iceland, and the current controversy over global warming. Students are assessed in several ways, but there is an emphasis on the essay format to test writing and analytical skills. Book reviews and papers focus on the students' research and organizational skills as well as writing skills. There are also group projects and debates. Typical texts include Jared Diamond's *Collapse: How Societies Choose to Fail or Succeed* and Barbara Tuchman's *The March of Folly: From Troy to Vietnam*. All texts and curricular materials are subject to change.

## **State of the World**

(Semester course; corresponds with The Clash and Crash of Cultures English

course; junior or senior standing required)

This course explores significant issues that have global effects. Its goals are to educate students as to the nature and causes of these problems, and to enable students to take positions on these issues which are based on sound analysis and with which they are morally comfortable. The course is interdisciplinary and exposes students to history, philosophy, economics, sociology, demography, environmental theory, and journalism. The course examines the issues of violence, poverty, population growth, climate change, the globalization of corporate capitalism, political philosophies, rights, and international law. All texts and curricular materials are subject to change.

### **The Twentieth Century**

(Semester course; corresponds with the Twentieth Century Literature English course; junior or senior standing required)

Beginning with World War I, this class surveys the history of the world in the twentieth century and identifies major trends and events. Emphasis is placed on politics, ideologies, and cultural history. Themes include the extreme violence of the century, the patterns of oppression and rebellion, the gulf between those who have power and wealth and those who do not, the polar nature of major political ideologies, the influence of national and ethnic identification, the mechanization of life, and the accelerating degradation of the natural world. Histories of the century are used as the primary texts, and journalism, memoir, and film are liberally sampled as supplements to these texts. All texts and curricular materials are subject to change.

### **US Government**

(Available only in the summer for semester credit/sophomore, junior, or senior standing required)

This course critically examines the structure and operations of the federal government, constitutional rights, judicial review, the electoral process, the history of political parties, philosophies and policies of different ideological camps, opinion polling, and the roles of the media. Comparisons between the U.S. and other constitutional democracies are made. Elitist, pluralist, and egalitarian theories and issues of social class and status are examined. Recent and ongoing events are used as case studies. All texts and curricular materials are subject to

change and may differ from the above.

## **6. World Languages**

### **Spanish I**

This course introduces and guides the students toward communicative proficiency while developing a general insight into how languages work. Students work toward acquiring language skills that allow them to function in a Spanish-speaking culture at a beginning level, encourage them to use the language for personal enjoyment and enrichment, and help them appreciate the role of Hispanic cultures in a global context. Students learn a variety of vocabulary and grammatical structures as they develop their skills in listening, reading, writing, and speaking. Culture is integrated throughout the course.

### **Spanish II**

(Prerequisite: Spanish I)

This course continues the development of the five skill areas (listening, reading, writing, speaking, and culture) and guides students toward the intermediate level of proficiency. In Spanish II, students will be offered constant opportunities to review, practice, and integrate material from previous language learning experiences. Level II vocabulary and grammatical concepts are introduced gradually. Literature, song, and videos are used to help students expand their cultural awareness and appreciation of the richness in variety of the Spanish language and its people.

### **Spanish III**

(Prerequisite: Spanish II)

Spanish III builds on the two previous years' work and introduces more complex grammatical concepts such as preterit vs. imperfect, the perfect tenses, direct and indirect pronouns, and an introduction to present subjunctive. Additionally, there are more readings and listening comprehension activities and a strong emphasis on conversational skills through oral presentations, dialogues, and interviews. Most of the class is conducted in Spanish.

### **Spanish IV**

(Prerequisite: Spanish III with a grade of B- or above)

This advanced Spanish class explores grammatical concepts such as the imperfect tense, the future and conditional tenses, the forms of the perfect tenses, and the forms of the subjunctive. Reading assignments expose students to a wider variety of Spanish literature, and the geography and history of Spain and Latin America are studied. The course content reflects a wide range of academic and cultural topics (the arts, history, current events, literature, politics, science, and technology, etc.) and employs authentic literary and nonliterary texts. Additionally, students take practice exams that contain different components of the Spanish language, including reading, listening, and culture. These assessments include both free-response and multiple-choice questions about readings, audio selections, and language use. Other assessments include individual and group presentations and multimedia projects. This course is designed to build on students' previous years of language study and increase their speaking skills. It is conducted entirely in Spanish.

### **AP Spanish Language and Culture**

(Prerequisite: Spanish IV/junior or senior standing required/by consent of teacher and individual contract only)

In preparation for the AP examination in Spanish Language, students review grammar, write essays, complete frequent listening and speaking exercises, study the history and geography of several Spanish speaking countries, and read increasingly complex Spanish literature. AP Spanish Language and Culture follows the three-year sequence of Spanish Language courses offered at high school level and is conducted completely in Spanish. This yearlong, college-level course will develop integrated language skills and cultural competency that will be useful when applied to real life situations and academic study. The course content reflects a wide variety of academic and cultural topics (the arts, history, current events, literature, technology, etc.) and employs a variety of authentic literary and nonliterary texts.

Students should be able to use the Spanish language to:

- Interpret and understand conversations, letters, charts, articles, and literature.
- Make comparisons between and within Hispanic cultures and their own, in terms of products, practices, and perspectives.



- Demonstrate proficiency in interpersonal, interpretive, and presentational communication.

## **7. Mathematics**

Students study functional relationships, the connections representing these relationships, and the use of representations of functions to solve problems. The course begins with ways of organizing data. Numerical patterns are explored, which leads to determining relationships formed by patterns. Functional relationships provide the basis for looking at equations and solving them graphically, prior to solving equations symbolically. Students learn to work with quantities that vary and to express relationships between quantities verbally, pictorially, graphically, and symbolically. A strong conceptual basis for understanding a solution to an equation is developed before introducing traditional methods for finding solutions. The emphasis in this course is also on connections to the real world, as well as connections to the various mathematical strands. Geometric models are used to connect the visual and the symbolic. Probability theory and discrete mathematics are interwoven into the course.

### **Algebra I**

Students study functional relationships, the connections representing these relationships, and the use of representations of functions to solve problems. The course begins with ways of organizing data. Numerical patterns are explored, which leads to determining relationships formed by patterns. Functional relationships provide the basis for looking at equations and solving them graphically, prior to solving equations symbolically. Students learn to work with quantities that vary and to express relationships between quantities verbally, pictorially, graphically, and symbolically. A strong conceptual basis for understanding a solution to an equation is developed before introducing traditional methods for finding solutions. The emphasis in this course is also on connections to the real world, as well as connections to the various mathematical strands. Geometric models are used to connect the visual and the symbolic. Probability theory and discrete mathematics are interwoven into the course.

### **Geometry**

(Prerequisite: Algebra I)

This introductory course emphasizes logic, reasoning, exploration, and problem solving through the memorization of formulas, postulates, and theorems. Although classical proofs are very much a part of this class, the thought process behind the proof is emphasized above the systematic structure. Math skills are continually practiced and reinforced. The unity of geometry and algebra is emphasized. The approach of the text and supplementary materials is multidisciplinary and experiential. Geometric applications are explored in areas of art, music, history, and, of course, physical, and biological sciences. Much of the course involves deriving important principles through cooperative explorations.

## **Algebra II**

(Prerequisites: Algebra I and Geometry)

Advanced Algebra carefully builds on the sequential approaches to content and learning begun in the preceding texts in the AWSM series. The sequence from variables to equations to functions is extended to using functions as models for a number of applied settings. Geometric and algebraic concepts are extended and connected to topics in probability and statistics, trigonometry, and discrete mathematics.

## **Data Science**

(Prerequisites: Geometry, Algebra I, and Algebra II)

This curriculum will introduce students to the main ideas in data science through free tools such as Google Sheets, Python, Data Commons, and Tableau. Students will learn to be data explorers in project-based units, through which they will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society, and more! At the end of the course students will have a portfolio of their data science work to showcase their newly developed abilities.

Information on possible unit topics can be found at

<https://hsdatascience.youcubed.org/curriculum/>

## **Pre-Calculus**

(Prerequisites: Algebra I, Geometry, and Algebra II; junior or senior standing required)

This course covers the fundamentals of modeling situations with equations and a variety of methods for manipulating those equations to solve problems. Most major equations are explored by two means, proving the equation and applying it to problems. In this way, students are able to understand what the equation means, how it can be used, and what its limitations are. Attention is also given to end behaviors, periodic functions, conic segments, and exploring these ideas both algebraically and graphically. This class provides the mathematical background necessary for a student to take a college-level math course such as Calculus.

## **Advanced Calculus**

(junior or senior standing required; by consent of teacher and individual contract only; prerequisite: Calculus)

Students learn to understand the concepts of single variable calculus through limits and continuity, differentiation, integration, differential equations, parametric equations, polar coordinates, and series and sequences. The unit on limits includes how to find a limit of a function by using different techniques. The continuity section includes resting the conditions for continuity and exploring discontinuity. The differentiation unit includes power rule, product rule, quotient rule, chain rule, derivative as slope, implicit derivatives, trigonometric derivatives, related rates, curve sketching, and applications. The integration unit consists of finding area under a curve by using integration, integration techniques, trigonometric integration, integration by substitution, integration of logarithmic and exponential functions, finding area between curves, and finding volumes of revolutions. The differential equation unit consists of solving differential equations, slope field lines, Euler's method, logistic differential equations, and word problems. Students will explore how to use parametric and polar coordinates for curve sketching, finding the area of a polar region, graphing polar

equations, and finding arc length. Students will learn how to use different tests to find the divergence/convergence of a series, how to find the sum of series, the Taylor and Maclaurin series, binomial series and its derivatives, and Lagrange form.

### **Advanced Placement Calculus AB**

(prerequisite: Pre-Calculus/ junior or senior standing required/by consent of teacher and individual contract only/)

Calculus is the study of rates of changes and related patterns in equations. Students will learn the basics of integration and differentiation in both a graphical and algebraic interpretation. Problems will relate the mathematics to the real-world situations, such as calculating volumes of irregular containers like swimming pools or estimating fuel consumption for different driving conditions. The goal of this class is to introduce students to the fundamentals of Calculus as well to prepare them for the Advanced Placement examination in Calculus AB.

### **Advanced Placement Calculus BC**

(prerequisite: Pre-Calculus and/or AP Calculus AB/ senior standing required/by consent of teacher and individual contract only)

AP Calculus BC is a full-year, college-level course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB (techniques and applications of the derivative and the definite integral and the Fundamental Theorem of Calculus) plus additional topics in differential and integral calculus (including parametric, polar, and vector functions), and series. Algebraic, numerical, and graphical representations are emphasized throughout the course, as is preparation for the AP examination in May.

## **8. Science**

### **Introduction to Physical Science**

(9<sup>th</sup> grade science requirement)

Introduction to the Physical Sciences primarily focuses on physics, with occasional topics in chemistry, earth science and astronomy. The course is rooted in the nature of science. Rather than a collected body of facts, science is a process and a human endeavor. Students will do science by engaging in hands-on lab explorations, making and recording scientific measurements, and growing skills in essential science practices, problem solving, analysis, communication, and teamwork.

## **Chemistry**

(10th grade science requirement; prerequisites: Introduction to Physical Science and Algebra I)

This is an introductory laboratory course designed to explore the practical aspects of chemistry while illustrating how it is intimately involved in many facets of our daily lives. Topics include household chemicals, energy, chemistry of the environment, nutrition, and polymers, among others. Students are taught to think scientifically and incorporate mathematical skills into the solution of chemistry problems through class discussions, group work, practical problems, and laboratory activities. After learning how chemistry impacts their environment, students are required to share their findings through Google Slides presentations.

## **Biology**

(11th grade science requirement; prerequisites: Introduction to Physical Science and Chemistry)

High school graduates should possess a basic understanding of the functioning of the biological world in which they live, including their own bodies, their neighborhood, and their regional and global environment. This course guides them in gaining this understanding. Graduates should also have experience in evaluating information (including that from individual testimony, scientific evidence, and other sources) so they can make choices about complex issues. This course develops and exercises students' critical abilities through discussion and study of publicized developments in biological science in areas such as reproduction, diet and health, damage to ecological support systems, and extinction. Daily homework includes reading from the text or supplementary materials, and writing about accompanying questions, essays, and problems from the student study guide. Most labs require formal write-ups, description, analysis, and interpretation. A large-scale biome research computer presentation (PowerPoint) is required first term. A research paper is required for the second

term. An original experiment or demonstration of some kind, including presentation to the class, is also required in the final term.

## **Advanced Placement Biology**

(prerequisite: Chemistry/junior or senior standing required/by consent of teacher and individual contract only)

This laboratory course is designed to provide a college-level introduction to biology and to prepare students for the Advanced Placement examination. It differs from the non-AP biology course in the comprehensive and quantitative nature of the curriculum, the molecular and chemical emphasis, the laboratory emphasis, and the extensive time requirements. Students are required to sign a contract indicating both their commitment to taking the AP exam in May and their understanding that this is a college-level course that will require several hours of homework each night, as well as many hours of lab work outside of regular class time.

## **Astronomy & Cosmology: Our Place in the Universe**

(full-year course; senior standing required)

The primary focus of this course is the stunning success of science to reveal the nature of our universe and our place in it. The introductory unit of the course includes analysis of the nature of scientific inquiry, separating empirically derived knowledge from pseudoscience and mere opinion. In this unit students will become intimately familiar with the observable night skies, learn the astrophysics of light, atoms, spectroscopy, motion, gravitation, and special and general relativity, become familiar with the optics and tools of astronomy, and survey a history of how we learned what we know from ancient to modern astronomy, from Ptolemy to Einstein. In the central portion of the course students will trace the arc of the universe as we know it from small to large, from earth, the solar system, stars and stellar evolution, to the evolution and fates of galaxies and the large-scale structure of the universe. Finally, students will study modern cosmology, from Hubble to the discovery of the Higgs boson, looking at such questions as dark matter, dark energy, inflation, broken symmetries, and possible fates of the universe. It is a goal of this course that students appreciate the scale of time and space, humbled by our tiny place in the cosmos, while

appreciating that we are the universe, becoming conscious and studying itself.

### **Advanced Placement Physics I: Algebra Based**

(prerequisites: Algebra II and Biology or Chemistry/ junior or senior standing required/by consent of teacher and individual contract only)

The goal of this course is to prepare students for the Advanced Placement examination covering Physics I. The course introduces college-level physics and focuses on the development of an intuitive and comprehensive understanding of physics concepts, as well as problem solving with the use of mathematics. The laboratory work will help students develop reasoning power and principles, as well as acquaint students with sound laboratory techniques.

### **Advanced Placement Environmental Science**

(prerequisites: Biology and Chemistry/senior standing required/by consent of teacher and individual contract only)

This laboratory course combines preparation for the Advanced Placement examination with an intensive study of natural ecosystems, with in-depth study of current environmental issues of management, safety, and conservation. Traditional population, community, ecosystem, and biome ecology is approached with an emphasis on field study and controlled experiments in both lab and field, exploiting the astonishing diversity of marine and terrestrial natural communities with which we are blessed in Southern California. As part of working in the field, students become intimately familiar with the flora and fauna of some of these local habitats, including chaparral, desert, conifer forest, oak woodland, riparian, grassland, and rocky intertidal, and in the process will become sensitive to changes in the community structures brought on by natural or unnatural causes. Environmental threats such as deforestation, air, soil, and water pollution, soil degradation, habitat loss, and loss of biodiversity will be observed and monitored in the field. There is extensive use of student-manipulated computer modeling to simulate population growth and demography, effects of habitat loss on biodiversity, climate change, and other ecological concepts. The Internet allows students access to the most recent information and to network with other students monitoring environmental data in other parts of the world. Finally, the course emphasizes possible solutions to the problems, and teaches students how to influence environmental decision-making on local, state, and national levels. Although reading and problems from the text are assigned, much of the class is

oriented, seminar style, toward individual and small-group student research and field/lab experiments.

## **Comparative Vertebrate Anatomy and Physiology**

(prerequisites: Biology and Chemistry/senior standing required)

This laboratory class is designed to foster physiological and scientific literacy. Students learn to weigh health-related and other scientific information critically outside of class and use these skills to make intelligent life decisions. We study comparative and comprehensive vertebrate anatomy and physiology with an emphasis on evolution and adaptation (fossils included) as opposed to a strictly human approach. Labs include dissections of sharks, turtles, snakes, pigeons, and cats, as well as sheep brain, heart, and kidney. Field trips may include a visit to the Los Angeles Natural History Museum, The Page Museum, The San Diego Zoo, and a gross anatomy lab.

## **Introduction to Neuroscience**

(prerequisites: Biology and Chemistry/senior standing required)

Neuroscience is the study of the nervous system, including the brain, spinal cord, and networks of sensory nerve cells, or neurons, throughout the body. Only in recent decades has Neuroscience become a recognized discipline. It is now a field that integrates biology, chemistry, and physics with studies of physiology and behavior. Throughout this laboratory course, students explore complex issues such as cognition, emotion, motivation, and brain disorders. In addition, students learn the pathology and treatment of diseases, such as depression, schizophrenia, stroke, paralysis, Alzheimer's disease, and a variety of other neurological and psychological disorders.

## **9. Visual/Performing Arts and Enrichment**

### **Art I**



This course is designed to introduce students to the visual elements of art, to develop awareness and confidence, and to provide the means for learning skills essential for translating ideas into effective visual forms. Students are encouraged to develop creative and individual responses to class projects while acquiring a critical means of inquiry. The course consists of studio projects, use of individual sketchbooks, discussions, demonstrations, individual help, slides and/or visual presentations, group critiques, and museum visits. Studio projects reinforce concepts studied in class; students are asked to design their own images illustrating particular principles and concepts. A variety of approaches, methods, and media will be explored. This course has an emphasis on two dimensional art.

## **Art II**

(prerequisite: Art I)

The course emphasizes a range of approaches and techniques, both traditional and contemporary. The major genres of still life, landscape, figurative, and abstract art provide a basis for class projects. Students expand their vocabulary with new media to include forms of drawing and painting. They participate in regular group reviews as projects are completed. Museum visits and other study of artists and their work continue.

## **Art III**

(prerequisite: Art II)

Art III is designed for students who already have basic drawing and painting skills and are ready to begin defining their own personal artistic vision. Each class focuses on a different theme from the figure to nature, from objects to imagination. Individual attention and group discussion encourage students to challenge their imaginations and develop critical and conceptual thinking. Group discussion encourages the exploration of content and materials. Assignments include a variety of technical and conceptual approaches to painting and drawing, sculpture, mixed media, and graphic application, with the freedom to experiment with materials. Museum visits and other study of artists and their work continue.

## **Art IV**

(prerequisite: Art III)

This course strengthens and expands students' art-making ideas through creative exploration of traditional and unconventional materials. We focus on the possibilities of combining two- and three-dimensional media, photography, writing, sewing, recycled materials, and drawing. We look at the ways assemblage, collage, and installation have developed through Modernism and Postmodernism to expand students' critical vocabulary. Experimentation is encouraged. There are individual and group critiques.

### **Advanced Placement: AP 2D Art & Design and AP Drawing**

(junior or senior standing required/by consent of teacher and individual contract only)

These courses are college-level courses in fine art. Students create a portfolio according to the Advanced Placement standards. Students meet individually and in groups with their teacher for guidance in meeting all requirements for their submissions.

### **Advanced Studio Art**

Advanced Studio Art is for students who have already taken Art 1 or Art 2. Students will be working on figure drawing, oil painting, ceramics and/or timed-based art. This class is specifically for students who want to refine technical art skills and practices for a life in art. Students will also visit local museums and artists to help understand artistic practices and pursuits. Permission from the current art teacher is required.

### **Drama I**

Drama I introduces beginning students to working in the theater as collaborative members of a company. Drama I students are encouraged to explore their imaginations, to develop the ability to think critically and imaginatively about theatrical text, to explore their creative expression, to improve their communication skills, and to develop their ability to work cooperatively with others. Over the course of the year, students establish a storehouse of skills that will train and educate them, as well as help them to develop their artistic ability to perform in front of an audience with clarity and joy. A strong emphasis is placed on bringing the written word alive in an exciting, believable, and original way. Students are introduced to all aspects of play production including scene study, performance, building characters, and helping to create original material.

## **Drama II**

(prerequisite: Drama I)

With a continued emphasis on collaboration, rehearsal and performance, Drama II deepens the training and foundations constructed in Drama I. Students continue to explore the relationship between rehearsing a script and mounting a show. In addition to improving their performance and communication skills, each student will have the added opportunity to build his or her confidence in front of an audience with larger assigned roles. Two full-length productions are mounted, one per semester. Past productions include *A Midsummer Night's Dream*, *Pride and Prejudice*, *Hamlet/Matrix*, *Peter and the Starcatcher*, *EPIC Youth*, *12<sup>th</sup> Night/As You Like It*, and *Our Town*. Students are invited to explore their creative practice through script analysis, building living characters, and getting comfortable and imaginative in their use of physical space. Arriving to rehearsal prepared and ready to work in a disciplined, responsible, and cooperative manner with all the members of the Raven Collaborative is an ongoing expectation. They will be asked to be more self-directed and supportive of their younger colleagues and to expand their skills and proficiency beyond the introductory level. Drama II students are asked to contribute to the Student Project Assignments (which take place after each full production in winter and late spring) as directors and writers along with performing their duties as actors.

## **Drama III** (prerequisite: Drama II)

In addition to developing a more sophisticated understanding of acting techniques, this course allows students to explore the directing process. All students will learn and experience the process of script writing, development, casting, working with actors, manipulation of space, use of sound and images, making short films, editing, scoring, and mounting shorter devised productions. For the actor, the course continues to build upon the training and foundation of Drama I and II. At this more advanced level, students are expected to be self-navigated and to stretch their skills and stage proficiency beyond the introductory level. Students continue to strengthen their aesthetic development as well as their listening and critical-thinking skills. Drama III students are asked to contribute to and lead the Student Project Assignments (which take place after each full production in winter and late spring) as directors, creators, and writers, along with performing their duties as actors.

## **Drama IV** (prerequisite: Drama III)

Students continue to develop their onstage and back-stage skills through directing,

acting, and creating original work. In addition to participating in full length and smaller student led productions, Drama IV students lead their colleagues in making original work. They are in charge of selecting/writing scenes to perform, casting, rehearsing, and helping others develop living characters. They are the leaders in all student originated work and are tasked with running their rehearsals and creating pieces that are clear and ready for the stage or screen. Drama IV students continue to strengthen their aesthetic development through leadership and expanding their experience of the role of the 21<sup>st</sup> century actor/director/artist.

## **The Art of Storytelling**

Our work together in The Art of Storytelling is aimed at putting the focus on the process of making work. Our gathering is a journey of co-workers/artists, supportive listeners/viewers, and friends. In the Art of Storytelling, our purpose is to observe/find/create/share/tell our stories, to invent our material, to revel in our discoveries, to face our challenges, to celebrate our breakthroughs, to learn and have a creative process, and to share our joy in this creative work. We are here to look out for each other, as we look for what's out there, for us. Our goals in The Art of Storytelling include: Showing up to our work awake and ready to look, so we can write it all down or find another way to tell the story. Becoming and being a witness so we can document our findings. Staying open and paying attention to everything especially the little things, the gorgeous details, so we don't miss anything when we write, make or devise. Being willing to strip everything away, rework, edit, streamline, and rework. And working hard to find our way into the work and the joy of doing...having a process.

## **Filmmaking**

The objective of this course is to develop students' creative abilities in the film/video medium and to introduce them to the many possibilities of cinematic language as an art form. Through in-class lectures and workshops, students work in groups to discover the step-by-step process of making a film, from original idea to edited video. The class teaches students to translate their five- to ten-page original stories to the screen, and in doing so, cover all professional aspects of screenwriting, storyboarding, pre-production, production, and post-production. Students learn technical and conceptual skills during and outside of class by working with lighting and sound equipment. While developing their own projects, students are exposed to the work of acclaimed international filmmakers from various time periods and genres—fictional drama and comedy, documentary, animation, and experimental features and short—that serve as inspiration for their own stories.

## **History of Film**

In this course, students explore the history of film from its beginnings in the silent era to the present day. Sampled films cover a variety of time periods and genres, such as westerns, cop thrillers, caper movies, romantic comedies, band movies, historical films, *film noir*, and mysteries. All of the films illustrate the development over time of acting techniques, cinematography, and direction. Groundbreaking directors, including Hitchcock, Ford, Scorsese, and Truffaut are also studied for their contribution to the art. Perhaps the most important goal of the course is to help students think and write about films as critics; that is, to unpack the elements of a film, rather than just decide whether they like or dislike the film in question.

## **Music (Music Ensemble I A/B, II A/B, III A/B, and IV A/B: Advanced Music Ensemble)**

Our primary objective is to develop our musicianship through a mixture of in-class rehearsal and at-home practice. We will be working within a group setting, which means that cooperation and communication will be key skills that we will aim to develop. Also, since a band is the sum of all of its parts, it is crucial that everybody practice adequately at home so that everyone contributes equitably to the band.

We will have band performances at the end of each semester. Each student will be expected to perform at least 3 songs for these shows. Students are allowed to perform all 3+ songs with one band, or may split their 3+ songs between different groups. In addition to the end-of-semester performances, we will have mid-semester showcases that will have each group focus on a specific genre, decade, or artist that I will assign. These mid-semester showcases will not be as robust as the end-of-semester performances, and each student will be expected to perform 1-2 songs. For the Waverly Holiday Program, the music class forms a large unified ensemble and presents one song for that concert. There is also a performance during Arts Block in the spring where the student groups are able to select two songs from any of their performances (upcoming or in the past) each season. Students interested in sound production also have the chance to learn how to operate and manage a sound board and live concert within the context of class. All productions except the Holiday Program are student-run from top to bottom.

## **AP Music Theory**

The AP Music Theory curricular goals are to develop the student's aural and visual perception of music through melodic and rhythmic recognition, understanding, description, and analysis of music presented in a score. All who take this course are expected to take the AP Music Theory Exam in May. Singing is a critical component of the AP Music Theory Exam, and you will be expected to sing in class. Sight singing, ear training, and rhythmic and melodic analysis will be integrated into each lesson.

### **Music History: Western Music**

This course is primarily designed as a survey of European common practice music and will follow a yearlong timeline. A familiarity with the fundamentals common to all music are necessary to analyze and interpret all this music, so the course begins with basic training in rhythmic and pitch notation. Fundamentals of counterpoint and harmony will be introduced as they appear in music history (polyphony with the Middle Ages and Renaissance, and harmony with Baroque).

### **Music History: Jazz**

This course is primarily designed as a survey of jazz music and follows a yearlong timeline. A familiarity with the fundamentals common to all music are necessary to analyze and interpret all this music, so the course begins with basic training in rhythmic and pitch notation. Essentials of jazz harmony and jazz improvisation will be introduced as they appear in music history. All students will be expected, in time, to write and sight-sing or play melodic lines, often in the manner of the artist or style we are studying. Music notation found in transcriptions, lead sheets, and/or arrangements will be used to analyze linear and harmonic techniques. All students are expected either to sing (e.g., blues or scat) or perform on an instrument. All students will be expected to recognize instruments by sound. As a chronological survey course, music will always be presented in its historical context, in relation to other arts, and the sociopolitical milieu of the time and place. For example, we cannot explore the Harlem stride without the Harlem Renaissance and the Cotton Club. Ultimately, the most important course objective is the training of critical and enthusiastic listeners.

### **Bluegrass Band**

The main objective of this course is to learn about the musical genre of Bluegrass and its related genres, and learn how to play in an acoustic string band. Students will have the opportunity to play acoustic instruments, such as the acoustic guitar, upright bass, banjo, mandolin, and fiddle. Since many of these instruments may be new and unfamiliar, I will provide some instruction on each one. In addition to

these acoustic instruments, everybody will also be required to sing. Harmonies are integral to Bluegrass, and we will develop harmony singing as a skill. In addition to learning and rehearsing songs, informative lessons on the history and origin of the genres of Bluegrass and Folk will be woven into our curriculum.

Our ultimate goal with these rehearsals is to get prepared to play shows. The essence of Bluegrass lies in the live performance, rather than the studio. It is a genre best experienced live. We will have plenty of opportunities to play at school functions, and if we get good enough, and if it is allowed by the school, I would love to book gigs for us around the Los Angeles area.

## **Photography**

Digital Photography is a semester elective course that introduces students to image capturing, composition and finding mental of editing and graphic design in Adobe Photoshop. Students will be able to produce a cohesive photographic project that is conceptually and technically well developed and demonstrates proficiency in available digital photography workflows and Photoshop processes. This program is designed to prepare students for

This course is designed to understand photography as one of the most democratic means of artistic expression, documentation, and communication. Students will rely on smartphone cameras and digital SLRs to complete their work. Students will also exhibit art and develop artistic statements as a part of their work.

## **Songwriting**

Songwriting is designed to introduce students to the art and craft of writing songs. This course is ideal for students who have a passion for music and a desire to delve into creative expression through song. Over the course of the semester, students will explore the fundamentals of songwriting, including lyric writing, melody creation, and chord progression development. They will learn how to analyze songs, develop their own writing voice, and collaborate with others in the songwriting process. The course will culminate in a final project in which students will showcase their original songs.

## **Creative Writing Electives**

(cross-listed with Arts electives; two semesters of a creative writing elective count toward fulfilling one year of the two years of the UC and Waverly visual/performing arts requirement)

## **Creative Writing**

- **Introduction to Creative Writing**
- **Creative Writing & Publishing**
- **Advanced Creative Writing**

## **10. Social Justice Seminar and Grade-Level Seminar**

Social Justice Seminar is a multidisciplinary, team-taught course for all high school students. The course focuses on Social Justice, Service Learning, Human Development, and Art. Students learn about their role in creating an equitable, just and empowered society through understanding themselves and the world around them. This course engages students in research, field-work, artistic expression and collaboration to understand the school as well as the world.

Grade Level Seminars combine Human Development with grade level skills and college counseling to help students excel in high school, develop executive functioning skills, deepen their meta-cognitive skills and master the high school experience. In addition, students take a full-year of college counseling workshops and writing seminars to support them through the college application process.

## **11. Service Learning**

Service to the greater community is one of the basic commitments upon which The Waverly School was founded. We use the term "Service Learning" rather than "Community Service" because we strive to embed our community service into our curriculum.

Service Learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities. Students learn essential skills while participating in service both within and beyond the school. Outreach provides students with an invaluable opportunity to see themselves in the larger context of the greater community, and to experience the benefit and fulfillment of that connection. More particularly, we hope to help students understand and embrace their responsibility as global citizens. We



encourage and support students to do their Service Learning in areas that reflect their passions, and in ways that leave them changed as much as those they serve. High school students are required to participate in a total of 60 hours of community service prior to graduation.

Ninth and twelfth grade students are encouraged to participate in individual, class, and all-school events that support social and environmental needs on the local, national, and global levels. Seniors are also encouraged to tie their service interests directly into their Senior Project. Because reflection is a key component of meaningful experiential education, we build it into the service process. Through discussion and reflection papers, we invite students to consider the learning they have experienced. These reflection papers are often shared by the coordinators with other students to foster awareness of what is possible in terms of impact on the community as well as on oneself.

## **12. Senior Projects**

As a graduation requirement, all seniors must complete a yearlong project. Working with a faculty or staff advisor, each 12th-grade student develops a concept for their project and turns in a proposal in November to the Senior Projects Committee for approval. Once approved, the senior continues to consult their advisor as they work to complete their project. At the end of May or early June, the seniors present their projects for the Waverly community. These projects reflect the individual senior's interests and have ranged from landscaping a backyard to recording original music.

## **13. Physical Education**

The goal of The Waverly School's physical education program is to equip students with the knowledge, skills, and enthusiasm to maintain a healthy lifestyle into adulthood. Activities included in the program are designed to promote physical fitness, develop motor skills, instill knowledge and understanding of rules, concepts, and strategies, and teach students to work as part of a team, or as individuals, in a variety of activities.

All students in the 9th and 10th grades are required to complete physical education units. Given the varying needs of our community, The Waverly School provides these options for fulfilling the physical education requirement: 1) participation on a school team for two seasons; 2) participation in two seasons of

CrossFit at a local gym; 3) participation in a full year of Waverly's Bollywood Dance Club; 4) participation in co-curricular PE classes that may be offered based on enrollment and staffing (i.e., Yoga, Dance, Experiential PE, Fitness, etc); 5) or consistent and documented participation in a club sport or class outside of school for the duration of the school year. A signed Physical Education Fulfillment Form is required at the end of each semester to verify participation. Waverly coaches must sign off for athletes.

#### **14. Standardized Testing**

The PSAT is administered at Waverly in October. All 10<sup>th</sup> and 11<sup>th</sup> grade students are automatically registered for the PSAT by Waverly's testing coordinator. Results are sent to the school. The college counselor then sends individual results home. The college counselor and/or the English and math teachers discuss the results with groups, and/or with each student in individual meetings. The PSAT provides valuable experience in taking standardized tests.

Students in 10<sup>th</sup> through 12<sup>th</sup> grades work with the registrar and college counselor to determine when to take the SAT, SAT II, and/or ACT exams in preparation for college admissions.

Advanced Placement exams take place in May. All students enrolled in an AP class must take the AP exam to receive AP credit on their transcripts.