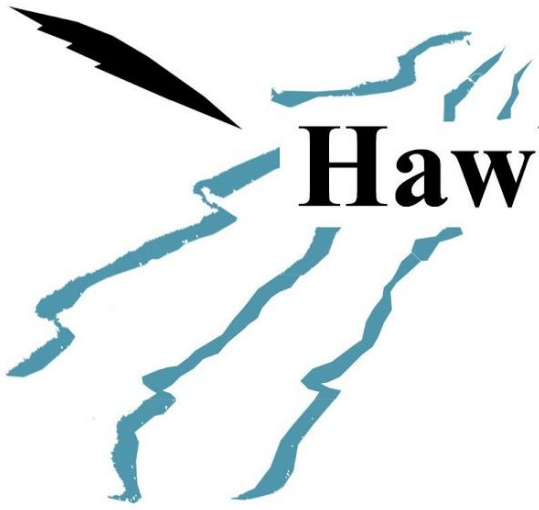

High School Planning Guide

2017-2018

USING THE PLANNING GUIDE

The High School Planning Guide contains all the essential information needed for students to plan their educational program. This guide should be read carefully by both students and parents prior to making course requests.

HIGH SCHOOL GRADUATION/UNC BOARD OF GOVERNORS COLLEGE ENTRANCE REQUIREMENTS

Subject Area	**Number of Credits**
English	4 credits: ● 1 Credit English I ● 1 Credit English II ● 1 Credit English III ● 1 Credit English IV OR AP English Literature and Composition
Social Studies	4 credits: ● 1 Credit World History ● 1 Credit Civics and Economics ● 1 Credit American History I ● 1 Credit American History II OR AP U.S. History
Science	3 credits: ● 1 Credit Physical Science OR Chemistry OR Physics OR AP Physics 1: Algebra-Based ● 1 Credit Earth/Environmental Science OR AP Environmental Science ● 1 Credit Biology
Math	4 credits: ● 1 Credit Math I ● 1 Credit Math II ● 1 Credit Math III ● 1 Credit Pre-Calculus or Integrated Math IV NOTE: Exceptions to this traditional four-course sequence exist. Please contact the School Counselor for more details.
Health/ Phys Ed	1 credit
Electives	4-6 credits (May be a World Language.)
World Language	Not required for high school graduation. A two-credit minimum is required for admission to a university in the UNC system.
TOTAL	**22 CREDITS**

COURSE OFFERINGS

**Please note that these courses are subject to cancellation based upon enrollment.*

ENGLISH

ENGLISH I
This course is available at the Honors level with permission of the instructor.
This course is designed to meet the needs of students transitioning from middle to high school instruction in reading and language arts. The course builds on the analytical, writing and close reading skills developed in middle school but with increasingly complex texts. Many of the texts are chosen to complement the students' courses in history and science. We work with Greek and Latin affixes and roots and increase familiarity with the rules of English grammar.
NOTE: Students may pay a $35 (approximate at date of publication) book fee to the instructor, and the instructor will order the required books. Or, students will be expected to obtain the required books on their own.

ENGLISH II
Prerequisite: English I
This course is available at the Honors level with permission of the instructor.
This course continues the high school sequence's focus on developing skills of close reading, sophisticated analysis, imaginative engagement and focused writing. Students will write numerous critical essays, with an emphasis on developing original ideas and supporting them with careful analysis of specific quotations from the text. We will also work throughout the year to expand students' vocabulary and increase their familiarity with the rules of English grammar.
NOTE: Students enrolled in this course will take the North Carolina English II EOC Exam.

ENGLISH III
Prerequisite: English II
This course is available at the Honors level with permission of the instructor.
This course continues the high school sequence's focus on close reading, analytical, expository, and creative writing, and building students' vocabulary, with an eye towards college readiness. The reading list focuses on American literature.

ENGLISH IV
Prerequisite: English III
This course expands on the skills learned in English I, II and III. The course also addresses a variety of practical writing skills that the majority of students will need after graduation.

AP ENGLISH LITERATURE AND COMPOSITION
Prerequisite: English III, Instructor's permission
The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing

assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.
NOTE: Students enrolled in AP English Literature and Composition will take the AP English Literature and Composition Exam.

CREATIVE WRITING
In this course, students:

- Gain skills in expressing themselves with originality, creativity, and clarity in stories, poetry, and personal essays.
- Use the writing process to generate and improve creative pieces.
- Identify the successful elements of an effective piece of creative writing.
- Experience being in a writing community and learn to give and receive useful feedback.
- Experience writing as a tool for intellectual exploration, self-discovery, and creative expression.

SOCIAL STUDIES

WORLD HISTORY
This course is available at the Honors level with permission of the instructor.
Beginning with the development of the world's first civilizations, the main focus of the course will be the modern world: developments that occurred to facilitate global connections, which in Africa and parts of Asia, began as early as the 13th century. The goal of the course is deep understanding of key topics and the development of critical thinking, reading, and writing skills through a heavy emphasis on document-based questions, textbook reading strategies, and texts and documentaries designed to engage young high school students, such as relevant *National Geographic* articles, BBC and PBS programs, and the like.

AMERICAN HISTORY I
This course is available at the Honors level with permission of the instructor.
The course will begin with the European exploration of the new world through Reconstruction. Students will examine the historical and intellectual origins of the United States from European exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution. Students will study the establishment of political parties, America's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction. The course provides a framework for studying political, social, economic, and cultural issues, and for analyzing the impact these issues have had on American society over time. Students will continue to build upon previous studies of American History, the fundamental concepts in civics and government, economics, culture and geography taught in grades K-8 and use skills of historical analysis as they examine American history. This course goes beyond memorization of isolated facts to the development of higher level thinking skills, encouraging students to make historical assessments and evaluations.

AMERICAN HISTORY II
The course will guide students from the late 19th century through the early 21st century. Students will examine the political, economic, social and cultural development of the United

States from the end of the Reconstruction era to present times. The essential standards of American History II: The Founding Principles will trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students will develop an understanding of the cause-and-effect relationship between past and present events, recognize patterns of interactions, and understand the impact of events on in the United States in an interconnected world.

AP UNITED STATES HISTORY

Prerequisite: Instructor's permission.

AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

NOTE: Students enrolled in AP United States History will take the AP United States History Exam.

CIVICS AND ECONOMICS (Available 2018-2019)

This course is available at the Honors level with permission of the instructor.

Civics and Economics has been developed as a course that provides a framework for understanding the basic tenets of American democracy, practices of American government as established by the United States Constitution, basic concepts of American politics and citizenship and concepts in macro and micro economics and personal finance. The essential standards of this course are organized under three strands – Civics and Government, Personal Financial Literacy and Economics. The Civics and Government strand is framed to develop students' increased understanding of the institutions of constitutional democracy and the fundamental principles and values upon which they are founded, the skills necessary to participate as effective and responsible citizens and the knowledge of how to use democratic procedures for making decisions and managing conflict. The Economic and Personal Financial Literacy strands are framed to provide students with an understanding of the role economic factors play in making economic decisions, the ability to reason logically about key economic issues and the knowledge and skills needed to manage personal financial resources effectively for lifetime financial security. Taken together these three strands should help to prepare students to become responsible and effective citizens in an interdependent world.

PSYCHOLOGY HONORS

The purpose of this course is to introduce the student to the content, terminology, methodology, and application of the discipline. This will include the physiological, cognitive, behavioral, and affective domains of psychology. This elective course stresses the application of academic content to the student's life.

SCIENCE

BIOLOGY

As an introduction to biology, students will explore experimental design, biological molecules, cells as a living system, genetics, biotechnology, ecology, taxonomy, and evolution. As time permits, students will discuss current research and its impact on our understanding of life.
NOTE: Students enrolled in this course will take the North Carolina Biology EOC Exam. A $30 lab supply donation is requested for this class.

AP BIOLOGY
Prerequisites: Biology, Chemistry, teacher recommendation
AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. A $30 lab supply donation is requested for this class.

CHEMISTRY HONORS
Prerequisites: Math II, Biology, teacher recommendation
Students will study the structure of atoms, classification of matter, the periodic table, nuclear chemistry, chemical nomenclature, chemical reactions, stoichiometry, thermochemistry, gas properties, chemical equilibrium, and the properties of acids and bases. As time permits, students can explore introductory organic chemistry. Instruction in proper laboratory technique will be included throughout the year. A $30 lab supply donation is requested.

EARTH/ENVIRONMENTAL SCIENCE
An introduction to basic principles of the solar system, volcanoes and earthquakes, plate tectonics, our impact on the lithosphere, hydrosphere, atmosphere and climate, and environmental sustainability.

AP ENVIRONMENTAL SCIENCE
Prerequisite: Biology and Chemistry or Physics, Instructor's permission
The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. A $30 lab supply donation is requested for this class.
NOTE: Students enrolled in AP Environmental Science will take the AP Environmental Science Exam.

PHYSICAL SCIENCE
Prerequisite: Math I
Physical science is an introductory Lab, investigation and project-based course that introduces students to basic concepts of both physics and chemistry. Learning is through a number of different methods including lecture and notes, calculations and application of mathematics (basic algebra, scientific notation, data analysis), projects, research, demonstrations, mini-labs, full lab experiments and investigation-engineering projects. Topics covered include Motion, Newton's laws and forces, Waves, Electromagnetism, Properties and structure of matter,

Chemical bonds and interactions and understanding the basics of nuclear physics and radioactive decay.

AP PHYSICS I: ALGEBRA-BASED or PHYSICS HONORS
Prerequisites: Math III, teacher recommendation
This is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course explores modern physics research and applications through projects, investigations and links with local universities.
NOTE: Students enrolled in AP Physics I will take the AP Physics I Exam.

MATH

MATH I
This course provides students the opportunity to study concepts and procedures of algebra, geometry, functions, number and operations, probability, statistics and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, graphing, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data.
NOTE: Students enrolled in this course will take the North Carolina Math I EOC Exam.

MATH II
Prerequisite: Math I
This course continues a progression of the standards established in Math I. In addition, Math II includes: polynomials, transformations, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, probability, making inferences and justifying conclusions via the study of logic, set theory, constructions and proofs.

MATH III
Prerequisite: Math II
Math III extends to include algebraic concepts such as: the complex number system, inverse functions, rational expressions, trigonometric functions and the unit circle. Math III also includes the geometric concepts of conics and circles. Topics of probability, statistics, and data analysis will be expanded.

INTEGRATED MATH IV
Prerequisite: Math III
In this course students will learn about analyzing data, standard deviation, and normal distributions. They will also learn about arithmetic and geometric sequences and their series, rational and inverse functions, radians, degrees, and the unit circle. This course also teaches students about trigonometric functions, inverse trigonometric functions, trigonometric identities, sum and difference formulas, applications of trigonometry, polar coordinates, and vectors. They will also learn about functions, polynomial functions, exponential functions, and logarithmic functions.

PRE-CALCULUS HONORS
Prerequisite: Math III

Pre-Calculus is designed to prepare students for AP Calculus or college-level Calculus. This class will be an in-depth study of the concept of functions. Several classes of functions, including linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions are studied. Within each function class characteristics of the function are emphasized including the basic form and graph, equations and inequalities associated with the function, and applications. Both algebraic and graphical techniques will be used throughout the course.

AP CALCULUS AB
Prerequisite: Pre-Calculus, Instructor's permission
AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. Topics include limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations.
NOTE: Students enrolled in AP Calculus AB will take the AP Calculus AB Exam.

HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION AND HEALTH
At the Hawbridge School, we are fortunate to be able to instruct the majority of our PE and Health courses in an outdoor environment. This allows us to integrate the curriculum into an outdoor themed class that includes canoeing, hiking, trail running, orienteering, and many other outdoor activities. Students still experience the team interaction of traditional sports and games such as soccer, basketball, volleyball, and football – all in a nontraditional environment. Rather than taking one block out of the year to focus on health, topics are intermingled with physical activity with extra time being taking in a traditional setting when needed. Health topics include human sexuality, substance abuse, body image and self-esteem, how to start a workout routine, diversity awareness, stress management, nutrition, and safe social situations.

FINE AND PERFORMING ARTS

STUDIO ART: ART I
This class will cover the basics of art: Principle Of Design, Elements Of Art, Color, Value, Art History, and Art Criticism We'll use a variety of materials from pencils to clay, and will explore drawing, printmaking, painting, and ceramics.

ADVANCED STUDIO ART; PORTFOLIO PREP: ART II
Prerequisite: Studio Art
Building upon what they learned in Studio Art, students will also create logos, business cards, and digital portfolios using wordpress.com to highlight their work. Projects will be worked on in class and students will have weekly homework assignments. They will work in an array of different mediums.

HAWBRIDGE DESIGNS: ART III HONORS
Prerequisite: Studio Art, Advanced Studio Art
This class will focus around the Art room's micro-enterprise Hawbridge Designs. Students run the business by designing all promotional materials, deciding what will be sold and create the items for sale. All money made goes to the art room budget. Projects will be worked on in class

and students will have weekly homework assignments. Mediums have included: ceramics, graphic design, jewelry making, printmaking, tie dye, and more.

BAND
The school band is for 7th-12th graders who want to play a string or wind instrument in an ensemble. We need a commitment from the student to learn to play their instrument.

THEATRE ARTS I (BEGINNING)
This introductory course offers skill development in improvisations, monologues, scene-study, stage movement, characterization, and examination of scripts. Students will learn the basics of both acting and technical theatre work.

THEATRE ARTS II (INTERMEDIATE)
Prerequisite: Theatre Arts I
This intermediate acting course offers further skill development for students who have completed Theatre Arts I. Students will learn advanced character and script analysis as well as acting styles, classical theatre literature, and the basics of directing for the theatre.

THEATRE ARTS III (PROFICIENT - HONORS)
Prerequisite: Theatre Arts II
This advanced acting course offers further skill development in acting styles, voice, movement, and directing.

THEATRE ARTS IV (ADVANCED - HONORS)
Prerequisite: Theatre Arts III
This advanced acting course prepares students for collegiate theatre studies in script and character analysis, voice, movement, and directing.

WORLD LANGUAGE

SPANISH I
In this course students will be introduced to Spanish and the Spanish-speaking world. A large part of our time will be spent learning the way verbs work in Spanish, which is very different from English. We will learn how to communicate about ourselves and our lives. At the end of this course, students will be at a Novice Mid level in most areas of the ACTFL Proficiency Scale, which means that they will be able to understand speech about personal information and the immediate setting, will be able to respond about predictable areas of need, can read simple texts, and write about elementary topics using familiar vocabulary.

SPANISH II
Prerequisite: Spanish I or Instructor's permission
In this course students will first review and solidify the basic knowledge they learned in Spanish I. Then they will expand their knowledge of Spanish and its verbs by learning how to communicate past and future events. They will continue to develop their skills through speaking activities, conversations, reading stories and texts, writing assignments, games, and frequent presentations on basic topics. At the end of this course, students will be at a Novice High level in most areas of the ACTFL Proficiency Scale, which means that they will be able to understand more speech in context, will be able to express their thoughts more creatively and ask more questions, will be able to read for instructions or directions and may be able to understand texts

at a higher level when familiar with context and vocabulary, and will be able to write autobiographical information.

SPANISH III HONORS

Prerequisite: Spanish II or Instructor's permission

The goals of Spanish III are to understand the material learned in Spanish I and II at a deeper level and to expand the students' communicative abilities in Spanish. In addition, students will increase their knowledge of Spain and Spanish-speaking countries by learning about their history and culture. Major grammar topics include the subjunctive and conditional verb tenses. The majority of this class is conducted in Spanish, and students must be prepared to greatly minimize their use of English, both with the instructor and with peers. At the end of this course, students will be at an Intermediate Low level in most areas of the ACTFL Proficiency Scale, which means they can now communicate in day-to-day life and social contexts and can handle basic reading and writing tasks.

INTERNSHIP

SAXCONNEX

Hawbridge's SaxConnex program offers internship opportunities to 11th and 12th grade students. Interested students must submit an application to Ms. Osborne and have availability in their schedule to participate in the program. SaxConnex links students with various trades within and around the community of Saxapahaw. These have included (but are not limited to): Eli Whitney Fire Department, Left Bank Butchery, The Eddy Pub, TerraStay Farm, Culture Mill, and Buckner Steel. The internship lasts a full semester, but students can opt to take it for a full year. Students will earn one high school elective credit per semester.

Other courses are available through the North Carolina Virtual Public School, the North Carolina School of Science and Math, and Career & College Promise. Please speak to the School Counselor for more details.

STANDARDIZED TESTING

Hawbridge students take the following exams each year (all tests are required unless otherwise specified):

GRADE 4
End of Grade Reading Test
End of Grade Math Test

GRADE 5
End of Grade Reading Test
End of Grade Math Test
End of Grade Science Test

GRADE 6
End of Grade Reading Test
End of Grade Math Test

GRADE 7
End of Grade Reading Test
End of Grade Math Test

GRADE 8
End of Grade Reading Test
End of Grade Math Test
End of Grade Science Test

GRADE 9
End of Course Exam: Math I*
End of Course Exam: Biology*

GRADE 10
PreACT10
PSAT10 (optional, fees apply)
End of Course Exam: English II*

GRADE 11
ACT
PSAT/NMSQT (optional, fees apply)
SAT (offered off-site, fees apply)

*Note - Students take End of Course exams during the school year when they take the EOC Course *not* necessarily during the grades listed above. For example, if an 8th grade student takes Math I, he/she would take the End of Course Exam at the end of 8th grade.