



# HS College-Bound Blend

## *Course offerings 2017–18*

Weekly on-site classes, Tuesdays 8:30 AM – 4:45 PM  
*supplemented by online classes later in the week*

<b>THE GREEN BLEND</b> 30 weeks of instruction: August – May	<b>THE BLUE BLEND</b> 30 weeks of instruction: August – May
<b>FOREIGN LANGUAGE</b> <b>SPANISH</b>	<b>FOREIGN LANGUAGE</b> <b>SPANISH</b>
<b>HONORS SCIENCE</b> <b>BIOLOGY WITH LAB</b>	<b>HONORS SCIENCE</b> <b>CHEMISTRY WITH LAB</b>
<b>HONORS HISTORY &amp; LITERATURE</b> <b>THE ANCIENT WORLD</b>	<b>HONORS HISTORY &amp; LITERATURE</b> <b>THE MIDDLE AGES</b>
<b>LANGUAGE ARTS</b> <b>FOUNDATIONS OF WRITING / SHAKESPEARE</b>	<b>LANGUAGE ARTS</b> <b>LOGICAL COMMUNICATION</b>
<b>BLEND MATHEMATICS</b> <b>GREEN MATH</b>	<b>BLEND MATHEMATICS</b> <b>BLUE MATH</b>
<b>ONLINE SCIENCE</b> <b>ANATOMY &amp; PHYSIOLOGY</b>	<b>ONLINE SCIENCE</b> <b>ANATOMY &amp; PHYSIOLOGY</b>

# Honors Biology — with Lab

In recent decades, our collective ken about the microscopic, molecular, and physical world has expanded incredibly. In this class each student will acquire both a deep understanding of biology and biochemistry and an appreciation of life's wonder and majesty.

Students new to science and those with previous knowledge are equally welcome. Each lecture begins with broad foundational concepts and then delves into the topic in greater detail. Lectures feature video, graphics, and PowerPoint presentations. Students will be provided with beautiful printed materials—graphics depicting cells, chemical compounds, biochemical processes—plus in-class note-taking sheets, and worksheets to be completed at home. Topics covered:

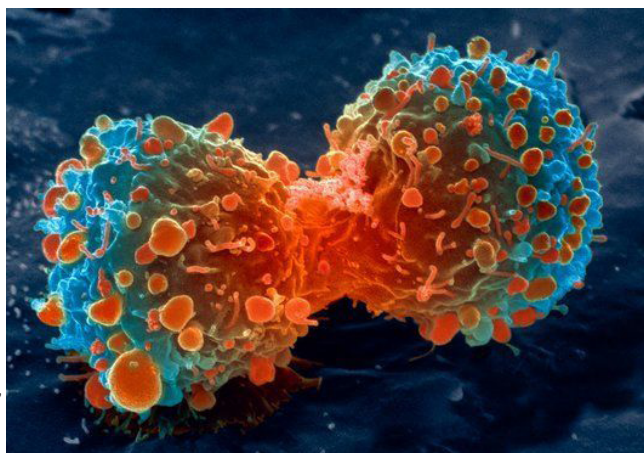
- **Semester 1**— molecular biology, basic chemistry, biochemistry (proteins, fats, carbohydrates, enzymes), the cell, cell membranes, osmosis, diffusion, protists, respiration, photosynthesis, meiosis, mitosis, DNA replication, protein synthesis.
- **Semester 2**—genetics (classical and molecular), phylogeny, all the anatomical systems (digestion, respiratory, nervous, endocrine, reproductive, muscular/skeletal, etc.), plants and ecology.

This honors-level class moves at quite a clip, and the schedule alternates 90-minute lectures on odd weeks (1, 3, 5, etc.) with 120-minute classes including lab on even weeks (2, 4, etc.).

## Class activities:

- Periodic in-class quizzes will be administered in the form of solo and small-group activities and games. The objective of these quizzes will be learning and mastering the content, not generating a grade.
- Between classes, students will interact with the teacher and other students online, hear lectures, view images, and ask and answer questions.
- Students will be assigned three in-depth research projects and small topics to research independently.
- There will be 6-8 tests provided to parents to administer at home as they wish: open book, closed book, as a learning tool, as a grade generator, or any combination.

Students will be expected to complete four to five hours of work at home each week. Homework will consist of reading, annotating text, watching videos, completing worksheets, doing independent research, writing lab reports, and studying. *Please note:* The class aligns with SAT II standards for those who wish to take the subject test. Standardized testing is not required to take this class.



## LABS

Each lab will correlate to class content. Over the course of the year, students will:

- have 15 lab sessions, each including one or more labs;
- use the scientific method to analyze data and draw conclusions in written reports.

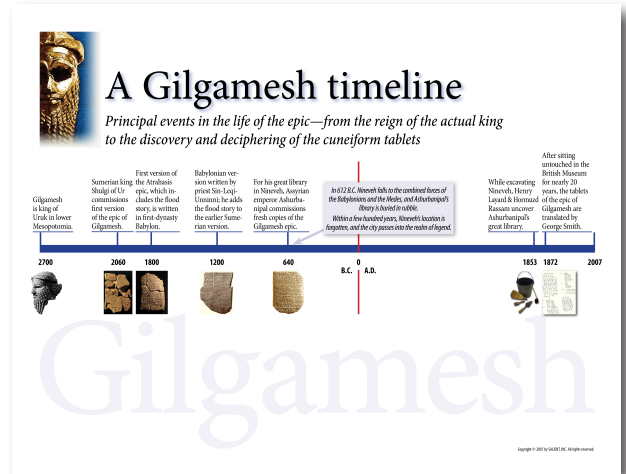


# Herodotus and the Ancient World; Greece & Rome

*Pre-history to 5th-century Greece; the Golden Age of Greece; the rise and fall of Rome*

This course begins with the most recent glacial period, moves forward through the development of agriculture and the earliest western civilizations in Mesopotamia, and closes the first semester with the first real work of history, *The Histories* of Herodotus. The second semester deals with the Golden Age of Greece, the rise and fall of the Roman Empire, and writings of Thucydides, Julius Caesar, Plutarch, Vitruvius, and more. — Among the topics covered:

- **pre-history** — what cave paintings and drawings reveal about early Western peoples; also Indo-European and the spread of Indo-European languages into the Middle East and the European continent; and the transition from hunting-&-gathering to the domestication of animals and finally agriculture;
- **Mesopotamia** — the early Mesopotamian city-states, with particular emphasis on the Sumerians, the development of cuneiform, and the *Epic of Gilgamesh*, with a brief look at the Babylonian, Assyrian, and Hittite peoples;
- **early Greece** — the rise and fall of the Minoan and Mycenaean civilizations, and the role of Homer's epics in the evolution of Greek culture;
- **Herodotus** — readings in *The Histories*, with an emphasis on the rise of Persia and the Persians' attempts to conquer Greece;
- **the Phoenicians** — their influence on other Mediterranean cultures and the birth of Carthage;
- **Thucydides** — readings in *The Peloponnesian War*;
- **the Golden Age and decline of Greece** — the blossoming of the polis (city state), Athenian democracy, the arts, philosophy, and science, and then decline and conquest by Rome;
- **the Roman Republic** — the birth and rise of Rome, its early conquests, remarkable leaders, and remarkable achievements, with readings from Julius Caesar and Plutarch;
- **the Roman Empire** — Rome's expansion under the emperors, followed by its decline; its engineering and architecture, the rise of Christianity, and the split into Eastern and Western Empires, with selected readings from Roman authors.



The course emphasizes map work to instill in students an appreciation of both:

1. the impact of geography on the development of early civilizations;
2. the importance of maps to understanding the writings of ancient authors.



In addition, students are assigned independent research on specific historical issues, and they present their findings to the class. To support these efforts, students are instructed in annotating texts and outlining ideas for a presentation.

Periodic in-class quizzes are administered in the form of small-group activities and games, all with the objective of learning and mastering the content rather than generating a grade.

# Green Math: Foundations of Algebra

## *Tools for understanding math*

Completing the elementary curriculum for math doesn't necessarily produce depth of understanding. Nor does it always equip the student with the problem-solving tools he or she will need in Algebra.

Yet an intimate understanding of certain concepts and operations — percentages, fractions, negative numbers, decimals, and more — is crucial not only for more advanced math courses, but also for the sciences, in particular Chemistry and Physics.

### Class agenda

During class, we will be talking about various concepts. Different tools will be used at times, such as games and competitions, to keep students engaged and motivated. Then, the students will solve some examples with the help from the teacher. Once the concept is understood, homework will be assigned to reinforce the learning.

Homework usually requires 3 hours per week. There will be periodic quizzes and both a mid-term and a final test.

### Prerequisites

Incoming students should already have some familiarity with fractions, decimals, percents, and basic math. At the same time, we will be delving into such topics — and much more — to help students gain full understanding of them.

### Multiplication:

$$(+) (+) \text{ or } (-) (-) \} = (+) \text{ result}$$

### Division:

$$\frac{(+)}{(+)} \text{ or } \frac{(-)}{(-)} \} = (+) \text{ result}$$

### Among the topics explored in Green Math:

- The language of math.
- Understanding numbers: fractions, percentages, least common denominator, greatest common factor, signed numbers, absolute value.
- Solving for variables (placeholders).
- Linear functions, including graphing.
- Working with huge numbers, such as those encountered in both the astronomical and microscopic worlds.
- The feared word problems — students will learn how to approach them systematically and solve them successfully.



# Blue Math

## Intensive Algebra/Geometry

Math is the cornerstone for high-level achievement in a multitude of subjects. At The Blend, we understand that students must emerge from their high school years with both:

- a strong understanding of math principles;
- great fluency with mathematical operations.

### Among the Geometry covered in Blue Math:

- Geometric Lexicon
- Angle and Segment relationships
- Proofs
- Geometry in the Coordinate Plane
- Similar Figures
- Trigonometry

These same abilities, moreover, are key to scoring well on standardized tests.

### Course content

Blue Math at The Blend will

focus on algebra and geometry. It is a fast-paced yet focused study that emphasizes the math topics and operations most frequently encountered in other high school courses — like chemistry and physics. The course also addresses topics that frequently appear on standardized tests like the SAT and ACT.

The instructor will periodically assess the students with in-class quizzes and regular examinations.

Students will receive input on homework and class notes. Students will be expected to be active listeners — both taking notes and keeping their notes organized — and active contributors in class.

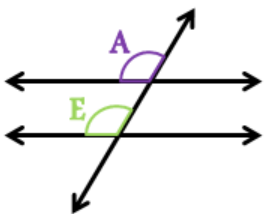
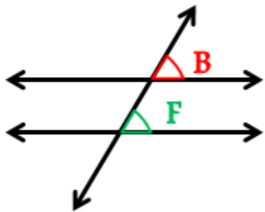
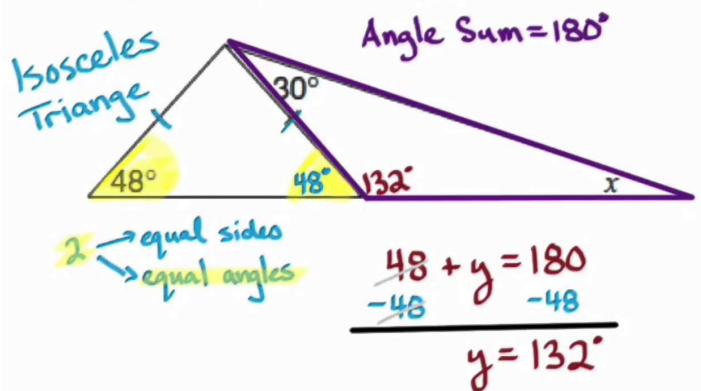
### Prerequisites

Students who would like to enroll for this course must, prior to acceptance, pass a timed assessment on their basic algebra skills.

Homework usually requires roughly 3.5 hours per week.

The instructor is available as a private tutor when needed.

Determine the value of  $x$ .



### Among the Algebra covered in Blue Math:

- Solving linear equations
- Monomial, Binomial & Polynomial Arithmetic
- Quadratic Equations
- Systems of Equations
- Graphing Linear Equations
- Graphing Quadratic Equations
- Linear Inequalities
- Exponential Equations
- Sequences
- Series

# Human Anatomy & Physiology I & II

*Entirely online, with two one-hour classes per week*

Most anatomy courses emphasize terminology: they ask students to ingest and retain the nomenclature of human physiology, but with little or no practical use for all those terms. — HS College-Bound's Human Anatomy & Physiology is different. First, this online course is taught by an M.D. with years of practice in a variety of clinical settings. Second, she uses a problem-based approach to reveal how the human body works — that is, once students understand how an organ system functions when everything is working as it should, they explore what happens when things go wrong.

So in this course, common illnesses and injuries — both their causes and effective treatments — provide a canvas for compelling, in-depth analysis of each organ system. To illustrate:

- When exploring the cardiovascular and respiratory systems, students explore such common afflictions as asthma and heart attacks (cardiac arrest).
- When exploring the gastrointestinal system, students learn the common symptoms of appendicitis.
- When considering common injuries and emergencies — like lacerations, wounds, and hemorrhages — students examine both the affected systems and the ways the immune system recognizes and fights infections.
- When studying the brain and the senses, students learn about vision; then they consider adverse reactions to light and what such reactions might mean.

Students in this course, accordingly, learn to think like physicians: with each affliction, students must figure out what went wrong and, in order to succeed, apply their acquired knowledge of what is normal and healthy.

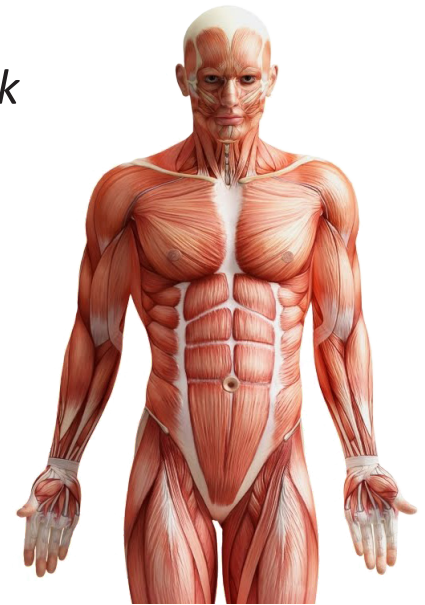
## How the course works

On-line lectures are delivered live, and all classes are recorded, in case students need to view them at a later time. Students are expected to be active listeners, both taking notes and keeping their notes organized, and active contributors in class. — Homework usually requires 2 – 2.5 hours per week. It includes reading, videos, and close study, including coloring of black-line drawings of organs and systems. Also, the instructor provides regular examinations.

## Prerequisite

None. — Students who have not yet studied high school biology are welcome.

The instructor is available as a private tutor when needed.



## Among the topics covered

This two-part course covers the mechanics of the human body and explores in detail the myriad of illnesses it's subject to. Part 1 begins with an overview of anatomy, cell structure, physiology, and metabolism, and then moves into the systems. Topics in Part 1 include:

- Introduction to Anatomy & Physiology
- Cardiovascular and Respiratory systems
- Muscular-skeletal system
- Endocrine system (time permitting)

Part 2 includes:

- Gastrointestinal system
- Integumentary system
- Hematologic and Immune systems
- Neurosensory system



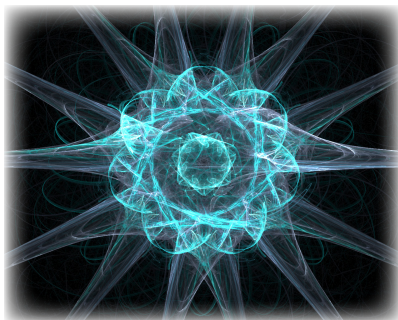
# Honors Chemistry — with Lab

The twentieth century saw breakthroughs in chemistry that we now take for granted:

- the discovery of sub-atomic particles—the electron, neutron, and proton;
- the discovery of sub-sub-atomic particles like quarks, leptons, and bosons;
- nuclear fission and nuclear fusion;
- the invention of plastics, nylon, and other man-made polymers;
- methods to increase efficiencies of organic compounds in fuel.

These breakthroughs have enabled humanity to live better and longer. Is there any doubt that far-reaching and exciting breakthroughs will be realized this century?

In this class each student acquires both a deep understanding of chemistry and an appreciation for its real-world applications. The class is divided into one or two lectures each week and a lab session approximately every other week. Each lecture begins with broad concepts foundational to a topic and then delves into that topic in greater detail. Lectures feature video, graphics, and PowerPoint presentations. Students are provided with printed materials, graphics, labs, and worksheets to be completed at home.



This honors-level class moves at quite a clip. Students will be expected to complete four to five hours of work at home each week. Homework will consist of reading, annotating text, watching videos, completing worksheets, doing independent research, writing lab reports, and studying.

To get the most out of this class, it is recommended that students complete Algebra I before taking this class.

**Please note:** The class aligns with SAT II standards for those who wish to take the subject test. Standardized testing is not required to take this class.

Class activities:

- Periodic in-class quizzes will be administered in the form of solo and small-group activities and games. The objective of these quizzes will be learning and mastering the content, not generating a grade.
- Between classes, students will interact with the teacher and other students via the Internet, asking and answering questions.
- Students will be assigned topics to research independently. All students are required to present both in class and online.
- There will be 6-8 tests provided to parents to administer at home as they wish: open book, closed book, as a learning tool, as a grade generator, or any combination.

30 <b>Zn</b> Zinc 65.39	31 <b>Ga</b> Gallium 69.732	32 <b>Ge</b> Germanium 72.64	33 <b>As</b> Arsenic 74.92159	34 <b>Se</b> Selenium 78.96	35 <b>Br</b> Bromine 79.904
48 <b>Cd</b> Cadmium 112.411	49 <b>In</b> Indium 114.818	50 <b>Sn</b> Tin 118.71	51 <b>Sb</b> Antimony 121.760	52 <b>Te</b> Tellurium 127.6	53 <b>I</b> Iodine 126.90447

## LABS

Each lab will correlate to class content. Over the course of the year, students will:

- have 15 lab sessions, each including one or more labs;
- use the scientific method to analyze data and draw conclusions in written reports.

Among the topics covered: the scientific method; significant digits; properties of matter; atomic theory; the periodic table of elements; Lewis Dot Diagrams; bonding—covalent & ionic, polarity; properties of water; compounds; solutions; separating mixtures; distillation; stoichiometry; limited reactants and percent yield; the mole; mole conversions; molecular geometry; thermo-chemistry and chemical kinetics (energy absorption, reaction rates); chemical equilibrium; electrochemistry (from batteries to electroplating); pH, acids, bases and salts (buffers); redox reactions; ions; and gas laws (Boyle's Ideal Gas Law, Charles' Law).



# Spanish

## *Vocabulary, grammar, pronunciation & culture*

Among the many challenges of homeschooling through high school is finding adequate foreign language resources. Computer-based programs often claim that the student will simply absorb the language through repeated contextual instruction, provide few explanations of any kind, and leave the student unequipped to handle language fundamentals like grammar, usage, spelling, and pronunciation.

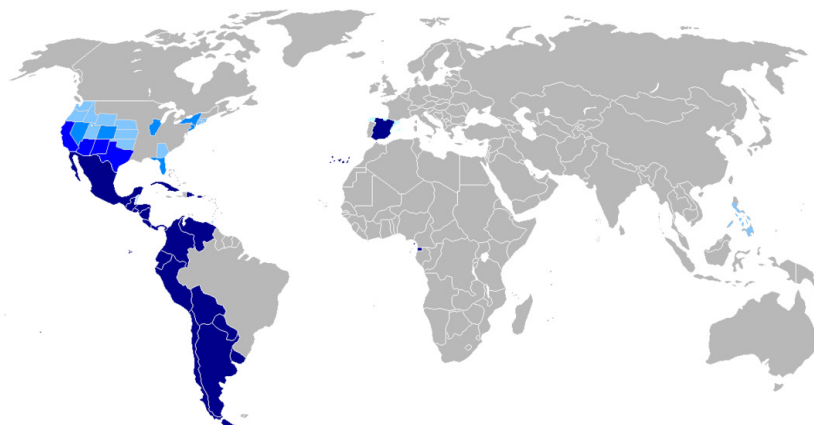
### **Our program**

HS College-Bound Blend is proud to offer a high-school-level foreign language program that will cover vocabulary, grammar and usage, and Mexican culture. The class will be taught by Monica Kiehnle, a native speaker born and raised in Mexico.

Monica strongly believes that the best learning happens when students are having fun. So she makes creative use of games and team competition to engage students and prevent tedium. Most important, she will model correct pronunciation and work with students on reproducing the trickier sounds (like the Spanish “rr”).

The class takes place over two semesters of 15 weeks each and will include:

- two weekly class sessions — one in-person class and one class over the Internet;
- weekly reading assignments, memorization, or writing exercises;
- projects requiring research or translation followed by in-class student presentations;
- interactive and fun class using songs, dialogues and pronunciation exercises;
- classroom activities and games to make the learning engaging.



### **Course content**

Even though the class is conceived as an entry-level Spanish course, students with previous Spanish studies will benefit greatly by filling in gaps with the finer points of grammar, spelling, and pronunciation. In class, students will:

- master the most common expressions in Spanish—the ones people use practically every day;
- practice the most common Spanish verbs, conjugations, and tenses;
- master the most common (and useful) nouns and adjectives, along with workouts on number, gender, and agreement;
- play grammar and vocabulary games that require both speaking and writing Spanish;
- take part in simple conversation with other students;
- read excerpts from Spanish novels and stories;
- watch excerpts from Spanish movies;
- sing in Spanish.

The teacher has committed to run this class for at least two years, which provides continuity in learning.



# The Middle Ages

*From the 5th-century departure of the Romans to the beginning of the Renaissance*

The “Medieval Millennium” encompasses a huge swath of British history, and the literature of the period spans everything from Anglo-Saxon poetry and *Beowulf* to *The Canterbury Tales* and *La Morte d'Arthur*. This course provides both historical perspective and a deep dive into the most important literature of the period.

## Course objectives

Students in this course use the English experience as a prism through which to view and understand the medieval age of Europe. Our readings will be of two principal types:

- **history books**—not history *textbooks*, but works of history by qualified authors, with each work selected for its relevance and readability;
- **works of literature**—which we will read both for their aesthetic value and their historical interest.



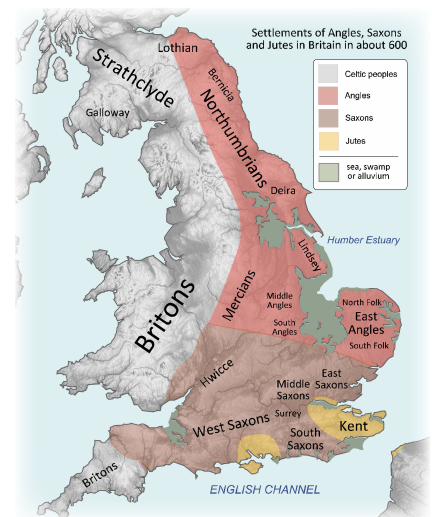
Students in this course are tutored in close reading, annotating texts, research skills, and presentation skills. Students are assigned independent research on specific historical issues, culminating in presentations to the class on their findings. Among the historical topics covered in this course:

- **The Roman invasion, occupation, and departure.** The Romans had an enduring effect on the British Isles. We survey the essential points of the Roman period in Britain.
- **Life in Anglo-Saxon England.** We examine the everyday circumstances and culture of village and country life prior to the Norman Conquest.
- **The Norman Invasion.** We examine the events leading up to the Norman Conquest and its effects both on ordinary English folk and on the institutions of British government and law.
- **The development of the English language.** We examine the multitude of influences that English comprises and the evolving *sounds* of the language.
- **The age of chivalry.** We peer into the origins of chivalric values and traditions, explore how those values permeated many aspects of medieval life, and study relevant literature.
- **The Hundred Years War.** We explore the effects of Europe's longest war.

Among the works of we read in this course, either in part or in their entirety:

- **The Year 1000: What Life Was Like at the Turn of the First Millennium; An Englishman's World.** Robert Lacey and Danny Danziger.
- **Beowulf: A Prose Translation.** E. Talbot Donaldson.
- **Sir Gawain and the Green Knight: A New Verse Translation.** Simon Armitage.
- **The Canterbury Tales.** Geoffrey Chaucer.
- **Le Morte D'Arthur.** Sir Thomas Mallory.
- **Don Quijote.** Miguel De Cervantes.

In addition, students are assigned independent research on specific historical issues, and they present their findings to the class. To support these efforts, students are instructed in annotating texts and outlining ideas for reports and presentations. Periodic in-class quizzes are administered in the form of small-group activities and games, all with the objective of learning and mastering the content rather than generating a grade.



# Foundations of Writing

*Our grammar-&-usage bootcamp, with workouts in vocabulary & reasoning — PLUS: Close reading of Shakespeare*

This course puts in place the skills and knowledge foundational to clear writing.

## How it works

Both the on-site and online classes are 90 minutes each:

- **Onsite: Language.** In the on-site class each week, students master language fundamentals.
- **Onsite: Shakespeare.** In the online class, they are introduced to close reading of great literature and all the attendant skills.

This course, accordingly, prepares students for the challenge of effective writing, and it serves as a precursor to our course in The Blue Blend *Logical Communication*.

## 1) English fundamentals

To produce clear writing, students must feel at home with English sentence structure and punctuation. They must also have at their fingertips the vocabulary they need to express nuanced thoughts. So this course is designed to enable students to:

- master the most important points of English grammar and usage;
- perceive with little effort both the *structure* of a sentence and how proper *punctuation* can enhance that structure;
- employ with dictionary-precision a rich arsenal of English words.

Students in *Foundations of Writing* undergo a kind of boot-camp in English grammar, usage, and punctuation — intensive training that relies on our own proprietary methods and materials. We teach grammar not for its own sake, but as requisites for important writing tools, keys to understanding how our language works and what makes communication effective.

What's more, for our vocabulary work, *Foundations of Writing* presents our *Workout with Words*, a series of exercises that goes far beyond memorization. *Workout with Words* challenges students to analyze, reason, and deduce the precise meanings of words; they must then articulate their definitions and the guidelines for their proper use.

Through these exercises, students learn to distinguish a *misconception* from a *misnomer*, a *compliment* from a *complement*. They learn to distinguish *reticent* from *reluctant*; *simplified* from *simplistic*; *imminent* from *eminent*; *continual* from *continuous*, and so on.

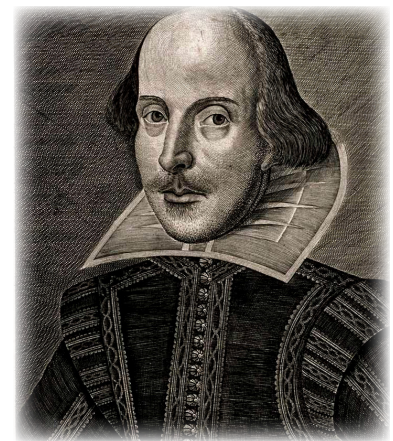
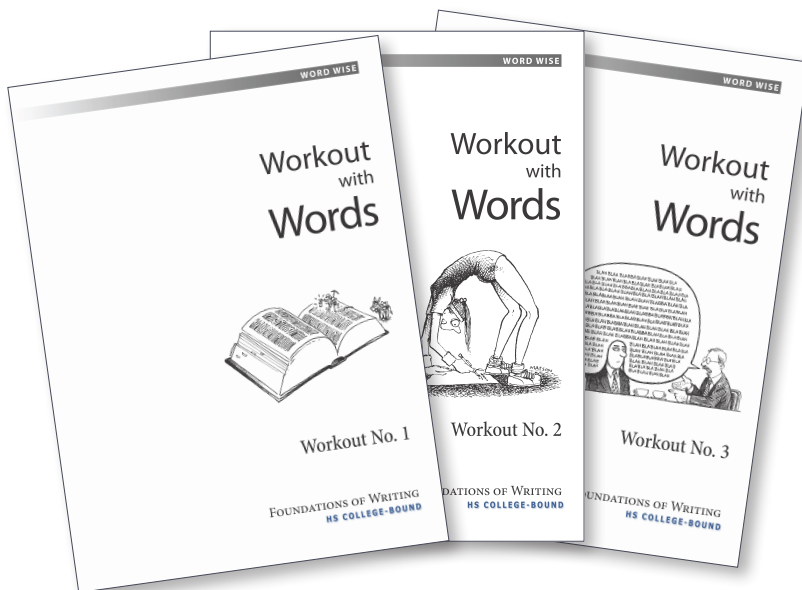
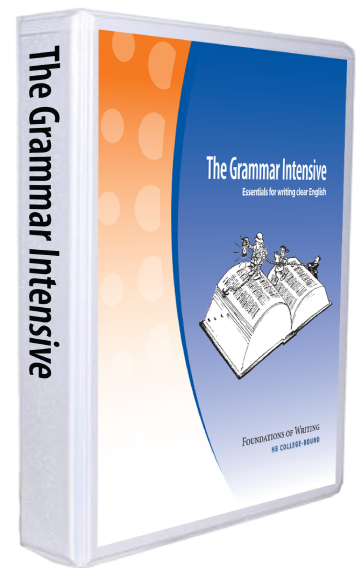
## 2) Close reading of great literature

Students in *Foundations of Writing* undergo intensive study of Shakespeare, reading three plays in their entirety and in great depth:

- *Romeo & Juliet* (10 sessions)
- *Hamlet* (10 sessions)
- *Macbeth* (7 sessions)

In the process, students learn important study skills like close reading and annotation, and equally important, they learn to get beyond the literal meanings of words to the vast landscapes of meaning *behind* the words. They memorize passages from Shakespeare and deliver them in class. They also read essays representing the finest in literary analysis and see for themselves what it looks like to support great insights with specific evidence.

In Mr. Speed's classes on Shakespeare, students experience real insight into the psychology of characters, into human nature, into life itself — and experience for themselves what great writing can achieve.



Learn more at <http://hscollegebound.com>  
or email us at [info@hscollegebound.com](mailto:info@hscollegebound.com)



# Logical Communication

*Writing efficiently and with a clear train of thought*

To produce clear writing, students must first produce clear thoughts and ideas, sound arguments and evidence. This course, accordingly, focuses on the *thinking* part of the writing challenge. It serves as both the follow-up to *Foundations of Writing* and the precursor to *Essay Writing & Appreciation* in **The Gold Blend**.

Among the skills this course builds in its students:

- analyzing essays for meaning;
- discerning the flow of an argument / progression of ideas in an essay;
- mindmapping points and ideas on a given topic;
- writing a draft based on a mindmap;
- creating strong openings;
- using punctuation as a writing tool;
- distinguishing and using the different types of transitional devices and expressions.

The class includes individual and group exercises in:

- logic and reasoning;
- evaluating sources and arguments;
- understanding different types of arguments and appeals;
- recognizing sophistry (intellectual dishonesty);
- building a strong case — whether for oral or written presentation.

The course introduces students to some of history's finest essayists — including Michel de Montaigne, George Orwell, Washington Irving, Robert Louis Stevenson, Max Beerbohm, H. L. Mencken, C. S. Lewis, and more. It also makes use of:

- great speeches from world leaders;
- casual essays and articles from recent decades;
- examples of fine literary analysis;
- cogent editorials and opinion pieces;
- excerpts from writers' thoughts on writing.

## A closer look

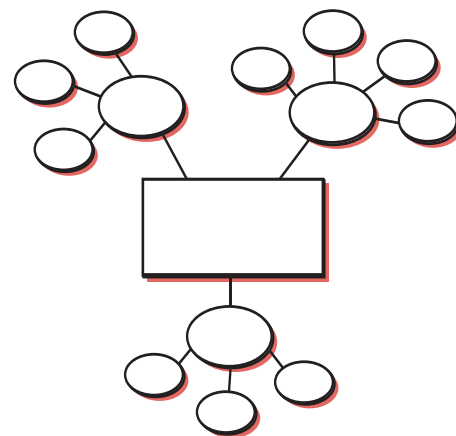
*Logical Communication* exercises students' brains in ways entirely new to most teens.

Basically, it develops their ability to *perceive the flow of ideas in writing*. Developing this ability leads to a core writing skill — one that's frequently underestimated and underdeveloped in many adults: their ability to perceive the train of thought in their *own* writing. The ultimate aim is that that, in their own writing, they achieve logical flow — in other words, their writing is logically organized, is highly readable, and forms a cogent argument.

This one ability is the key to writing effective essays of all kinds — not just literary analysis, but college admissions essays, research reports, and so on. It is also critical to writing effective speeches, designing effective presentations, and crafting many other types of communication.

Among the work our students produce in this course:

- diagrams of other writers' arguments;
- mindmaps of their own arguments;
- essays.



# About the instructors

## Diane Speed

**SCIENCE: Honors Biology with lab**

**SCIENCE: Honors Chemistry with lab**

Diane is the founder of The Classical Kids Network and co-founder of The Blend. She has a B.S. from Drexel University, majoring in biology with a minor in chemistry. Before marrying, Diane worked in laboratories at:

- SmithKline Pharmaceuticals (antibiotic development);
- Temple University Research labs (hemophilia/clotting factors);
- the Philadelphia Water Department (water purity).

This is Diane's fourth year teaching biology to homeschooled highschoolers.

## Monica Kiehnle

**MATH: Green Math**

**FOREIGN LANGUAGE: Spanish**

Monica received a degree in Industrial Engineering in Cuernavaca, Mexico. For seven years, she worked for Orto de Mexico, a manufacturer of control instruments and accessories for electrical transformers. In addition to various engineering responsibilities, her job included supporting customers from the United States, Mexico, South America, and Europe in matching accessories for transformers to the desired electrical characteristics.

In high school, Monica fell in love with math and physics. She decided to pursue engineering in college as a way to combine the analysis of the physical world with the practical application of theory. After moving to the United States, Monica began homeschooling her children with the aim of imparting a love of learning with a deep, profound understanding of all content. Monica eschews superficial learning and rote memorization and brings those values to her teaching of both *Spanish* and *Green Math* at The Blend.

## Roy Speed

**HISTORY & LITERATURE: Herodotus & the Ancient World; Ancient Greece & Rome**

**HISTORY & LITERATURE: The Middle Ages**

**LANGUAGE ARTS: Foundations of Writing/Shakespeare**

**LANGUAGE ARTS: Logical Communication**

Roy is a writing consultant in the corporate world. As a homeschooling dad, he has both worked with his own children and, for more than a decade now, been teaching classes to homeschooled students on history, literature, Shakespeare, writing, and grammar. Among his recent course offerings: *Novels by Women*; *History and Literature of the Middle Ages*; *Logical Communication*; and *Essay Writing & Appreciation*. His online classes in Shakespeare have been acclaimed by homeschooling students and parents across North America. His articles on key study skills—like annotating a text—have been assigned by English teachers to their students in high schools around the U.S.

## Nilay Aykent, M.D.

**MATH: Blue Math**

**ONLINE SCIENCE: Anatomy & Physiology**

Nilay has been teaching and tutoring for 17 years and has long experience teaching all levels of math, including calculus, to homeschooled students. She is also skilled with test prep for anything from the SAT & ACT to the NY State Regents Examinations. She loves teaching, and she sees her role as "not only providing content on each subject, but also recognizing hindrances to her students' development and empowering them to overcome any difficulties." She expects a high level of performance from all her students, but she is also patient, persistent, and supportive as students discover their own paths to learning and achievement.

Nilay brings to her teaching both unusual academic depth and her practical experience as a practicing MD in a variety of clinical settings. She currently teaches *Introduction to Calculus* at The Blend.

### OPEN HOUSE IN BETHEL, CT

Our next information session on The Blend will be held on Sunday 19 March, 2017, from 1:30 – 3:00 PM.

To attend an Open House or to learn more about The Blend, please contact Diane Speed at [dspeed@salientcomm.com](mailto:dspeed@salientcomm.com)

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