

# What to expect in 10<sup>th</sup> grade

**Characteristics of 10<sup>th</sup> grade** – There should be an increased initiative on the part of the student to communicate with teachers, as well as a personal responsibility to keep up with assignments and projects. Parents should see an increased level of maturity. Many tenth graders start driving to school during the 10<sup>th</sup> grade year. Student drivers are required to fill out a driving permit and pay a \$10 parking fee. Community Service – all high school students must complete 8 hours of service during the school year. These hours must be served in the community, NOT in school, family, church, or foreign missions. A **Washington DC** trip will be planned for the spring of the tenth grade year. The tentative dates are the week before spring break, Monday, March 26 through Friday, March 30, 2018. Approximate cost based on quadruple occupancy for a total of 50 people is \$550.00 to \$590.00 per person. **A \$200 non-refundable deposit/commitment will be due Friday, August 25, 2017.**

Classes – World Literature, Algebra II, Geometry, Biology, Spanish II, World History or AP World History, Bible, Elective.

**Homeroom supplies – Please provide two boxes of Kleenex**

**General supplies for all classes – You may choose to get a three-ring binder for each class or one large three-ring trapper keeper for all classes. Organization is Key! Students will need the following items in all classes: blue/black pens, pencils, notebook paper (college ruled) and at least two flash drives. All students will need access to a computer, the internet, and a printer. Please pay attention to specific supplies needed for each class listed below.**

**Language Arts** – 10<sup>th</sup> grade focuses on World Literature, typically at the World History timeline of various eras: archaic, classical, medieval, renaissance, romantic, realist, modern, and recent literature. Students will read various literature selections of short stories and poems, as well as the following novels/plays: Dante's *Inferno*, *The Odyssey*, *Julius Caesar*, and *The Hiding Place*. Students will respond to literature through various writing and blogging. Students will continue to improve their grammar, vocabulary, and critical thinking skills as they prepare for upcoming SAT's. In addition, students will write various essays and will continue to enhance their learning by participating in various individual and group projects, including mini-research DC projects and a literary analysis second semester.

**Specific supplies needed:** 2-inch 3-ring notebook, set of 4 dividers, spiral notebook for writing journal (around 70 pages), highlighters, 1 flash drive, and colored grading pens. We will also be blogging, so students need regular access to a computer and the internet.

**Science** – Conceptual physics – This class will consist of studying and observing the concepts that are behind the physical laws of nature. This includes motion, Newton's Laws, momentum, energy, gravity, relativity, matter, thermodynamics, waves, sound, light, electricity, magnetism, radioactivity, fission, and fusion.

**Specific supplies needed** – TI-83 or 84 calculator, 1 composition notebook (no spiral), jumbo book cover, and Clorox wipes.

**Algebra II** – Students will analyze expressions, equations, and inequalities, graph linear equations and functions, write equations of lines, solve systems of equations, perform operations with and use matrices, explore and solve quadratic functions and equations, explore polynomial functions, simplify and perform operations on rational expressions, explore and solve exponential and logarithmic expressions, and analyze conic sections.

**Specific supplies needed** – TI-83 or 84 graphing calculator, and graph paper.

**Geometry** – This course will cover the following topics: geometry basics, reasoning and proof, perpendicular and parallel lines, congruency and properties of triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, area, surface area and volume of polygons and circles, transformations, and constructions.

**Specific supplies needed** – graph paper, protractor, compass, ruler, jumbo book cover, TI30XIIS scientific calculator.

**AP World History** - This class is a comprehensive survey of the history of the world, intended to give the high school student a solid foundation of knowledge about the politics, skills, economics, and religion of each culture from early history to the present. This is a college-level course that requires extensive reading and writing inside and outside of the classroom. Students will take the AP exam in May.

**Supplies needed** – Wide 2- inch 3-ring binder with dividers, one small 1-inch binder or multi-pocket folder, pencil, paper, pen, and highlighters

**World History** – This class is a comprehensive survey of the history of the world, intended to give the high school student a solid foundation of knowledge about the politics, skills, economics, and religion of each culture from early history to the present. Throughout this course students will see examples of people who either followed God’s standards or failed to do so. From these examples, the student will see the truth of God in action and develop values and principles for living.

**Supplies needed** – one wide 2-inch 3-ring binder with dividers, spiral notebook, pencil/pen, and paper.

**Spanish II** – Students will continue to build on their previous learning from Spanish I using many of the same methods and tools. Students will practice using the vocabulary they know as we play games, sing, dance, role play, email, and, of course, read and write in Spanish. Students will learn to communicate in Spanish using not only the present tense but also in preterite, imperfect, present perfect, pluperfect, future perfect, and future tenses. Students will be able to give and receive simple commands in Spanish. Students will memorize scripture in Spanish, participate in oral presentations using Spanish, and practice communicating in Spanish both orally and in writing with the ultimate goal of using Spanish to reach the lost for Christ.

**Supplies needed** – blue/black pens, bright colored ink pen for grading, highlighters, 2-inch 3-ring binder, notebook paper, dividers, flash drive (to be used for Spanish ONLY—NOT shared with other subjects), long pencil pouch made to go inside a binder (for storing verb cards), use of a computer at home for homework assignments, glue and scissors for projects and a set of thin permanent markers for labeling, colored pencils and/or markers. *Optional: Bilingual Bible.*

**Bible** – Tenth grade will be focusing on spiritual formation and will be covering topics such as: Faith, the Bible, the Holy Spirit, the Church, Communion, Heaven, Hell, and many other topics important to a strong foundational faith.

**Supplies needed** – 3-ring binder, paper, pen/pencil, Bible