

## 2018-2019 BTM Course Descriptions

### FOREIGN LANGUAGE

Course Information	Course Description	Materials
<p><b>MS Spanish (7th-8th)</b>            \$350 plus \$35 copy fee            Yadira Segura            Guatetutor@gmail.com</p>	<p>Students in this class will continue to focus on the four key areas of foreign language study: listening, speaking, reading, and writing. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged and become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, and take frequent assessments where their language progression can be monitored.</p> <p>This class is geared to students who have completed Introduction to Spanish. However, if they are in 8th grade and it is their first time taking a foreign language, they are required to complete an Intro to Spanish summer package alongside quizzes and 2 tests during the summer to help prepare them. (Fees will apply)</p>	<p><b>Text:</b> TBD</p> <p><b>Supplies and Equipment:</b></p> <ul style="list-style-type: none"> <li>● 1" 3-ring binder</li> <li>● Pen (red and blue)</li> <li>● Pencil</li> <li>● Color pencils</li> <li>● Highlighter</li> </ul>
<p><b>Introduction to Spanish (6th-7th)</b>            \$350 plus \$35 copy fee            Yadira Segura            Guatetutor@gmail.com</p>	<p>The goal of this course is to introduce students with little or no knowledge to basic vocabulary, grammar, literacy and conversational skills. Students will be expected to learn words from a variety of vocabulary lists and practice them orally in class and at home. They will learn to read, write, speak and understand basic conversational dialogues. In addition, they will learn vocabularies in relation to everyday events and familiarize themselves with different Spanish cultures</p>	<p><b>Text:</b>            Spanish for You!            Mi vida Workbook (Option 2)            Conversaciones Workbook (Option 2)            by Debbie Annette</p> <p><b>Link:</b>  <a href="http://spanish-for-you.net/product/spanish-class-use-option-2/">http://spanish-for-you.net/product/spanish-class-use-option-2/</a> (scroll down to student textbook)</p>

	through hands on activities, visual aids, music and presentations.	<b>Supplies and Equipment:</b> <ul style="list-style-type: none"> <li>● 1" 3-ring binder</li> <li>● Pen (red and blue)</li> <li>● Pencil</li> <li>● Color pencils</li> <li>● Highlighter</li> </ul>
<b>Spanish 1 (9th-11th)</b> \$350 plus \$35 copy fee Yadira Segura Guatetutor@gmail.com	Spanish 1 begins with a detailed review of Intro and MS Spanish grammar. There is an emphasis on increasing opportunities to use the language through speaking, writing, reading and listening. Students will learn new and advance vocabulary and grammar necessary for more sophisticated readings and more complex dialogues. Students will be engaged in a variety of activities to foster a better understanding of the language. Listening skills are developed using teacher and peer conversations as well as adding enrichment through cultural comparisons and perspectives of various Spanish speaking countries.	<b>Text:</b> TBD  <b>Supplies and Equipment:</b> <ul style="list-style-type: none"> <li>● 1" 3-ring binder</li> <li>● Pen (red and blue)</li> <li>● Pencil</li> <li>● Color pencils</li> <li>● Highlighter</li> </ul>
<b>Spanish for Conversation 2 (9th-12th)</b> \$350 Full Year plus \$35 Copy Fee Monica Wilson maestrawilsonespanol@gmail.com	Spanish for Conversation Level 2 is an intermediate Spanish course, which emphasizes acquiring oral language skills. The course is designed to enable students to acquire sufficient vocabulary and knowledge to express themselves orally in real-life situations. Grammatical structures needed to communicate in the situations presented are covered, but the main goal of the class is to develop listening and speaking skills. The immersion approach allows students to experience a number of real-life scenarios to help them develop a path to thinking in the target language. Utilizing references to Spanish from both Spain and Latin America, Spanish for Conversation also gives students insight into the different cultures of native Spanish speakers. Class time is planned for conversation,	<b>Text:</b> Open Door to Spanish 2 (3rd edition) <i>by Margarita Madrigal</i>  <b>Supplies and Equipment:</b> <ul style="list-style-type: none"> <li>● YouTube access</li> <li>● Google Drive</li> <li>● Flash drive</li> <li>● Notebook</li> <li>● Pen</li> <li>● Highlighter</li> <li>● Color pencils</li> </ul>

	<p>discussion of material read/watched outside of class, and presentations. There is a strong emphasis on idiomatic expressions used in daily speech, pronunciation, and vocabulary building.</p> <p><b>Prerequisites:</b> Successful completion of Spanish 1 or Spanish for Conversation 1 is required. Students must be self-motivated and be ready to practice the use of Spanish daily.</p>	
<p><b>Spanish for Conversation 3 (9th-12th)</b> \$350 Full Year plus \$35 Copy Fee Monica Wilson maestrawilsonespanol@gmail.com</p>	<p>Spanish for Conversation Level 3 is an advanced Spanish course. The course is designed to enable students to acquire advanced vocabulary and knowledge to express themselves orally in real-life situations. There will be an emphasis on verb conjugation in the past, present, and future tenses. The immersion approach allows students to experience a number of real-life scenarios to help them develop a path to thinking in the target language. Utilizing references to Spanish from both Spain and Latin America, Spanish for Conversation also gives students insight into the different cultures of native Spanish speakers. Class time is planned for conversation, discussion of material read/watched outside of class, and presentations. There is a strong emphasis on idiomatic expressions used in daily speech, pronunciation, and vocabulary building.</p> <p><b>Prerequisites:</b> Successful completion of Spanish 2 or Spanish for Conversation 2 is required. Students must be self-motivated and be ready to practice the use of Spanish daily.</p>	<p><b>Text:</b> TBD</p> <p><b>Supplies and Equipment:</b></p> <ul style="list-style-type: none"> <li>● YouTube access</li> <li>● Google Drive</li> <li>● Flash drive</li> <li>● Notebook</li> <li>● Pen</li> <li>● Highlighter</li> <li>● Color pencils</li> </ul>
<p><b>French 1 (8th-12th)</b> \$350 plus \$35 copy fee</p>	<p>This beginner's course introduces students to the basics of French vocabulary, pronunciation, and grammar. Language is taught in a natural and fun way by use of</p>	<p><b>Text:</b> French is Fun 1, 5th edition</p>

<p>Lisa Cash lahcash@gmail.com</p>	<p>bookwork, videos, and games. Classroom activities and homework assignments are designed to expand vocabulary and reinforce grammar and spelling while developing reading and writing skills. Short situational dialogs are used to encourage communication and self-expression. Students will develop an acceptable level of proficiency in four basic skills – listening, speaking, reading, and writing, which will prepare them for French 2. In addition, pupils will develop an awareness and appreciation of the culture of France and other francophone countries. This course is designed for students with minimal or no prior knowledge of French. A solid foundation in English grammar is strongly recommended.</p>	<p><b>Supplies and Equipment:</b> Course binder (supplied by tutor); Access to a computer or smartphone</p>
<p><b>French 2 (9th-12th)</b> \$350 plus \$35 copy fee Lisa Cash lahcash@gmail.com</p>	<p>This course for advancing students is designed to broaden a student’s level of achievement in the four basic skills of listening, speaking, reading, and writing, with special emphasis on communication. Through topical contexts, students will expand their acquisition of vocabulary, their command of grammar structures, and their ability to communicate about their daily lives, express their opinions, and supply real information. A concluding Proficiency Test will evaluate student performance in speaking, listening comprehension, reading comprehension, and writing. Students who pass the Proficiency Test will be ready to advance to French 3, which is an immersion course that will prepare students to take the French CLEP or AP exams. French 2 is designed for students with prior knowledge of French.</p> <p><b>Prerequisite:</b> French 1 or placement exam.</p>	<p><b>Text:</b> French is Fun 2</p> <p><b>Supplies and Equipment:</b> Course binder (supplied by tutor); Access to a computer or smartphone</p>

## ENGLISH

Course Information	Course Description	Materials
<p><b>MS English 1 (6th-7th)</b> \$350 + \$25 copy fee Nicole Green NicoleKennedyGreen@gmail.com</p>	<p>Middle School English Level 1 uses curriculum published by Institutes for Excellence in Writing and other material to provide middle school students a solid grammar and writing foundation. Using tutor provided source texts, students will learn outlining skills to form the basis of expository essays, creative pieces and basic reports. Additionally, students will discover methods to add style to their writing as they employ a variety of sentence openers, strong verbs, quality adjectives, other essay decorations and dress-up techniques. Multiple sentence structures will be explored and practiced with the associated grammar instruction necessary to write sentences with appropriate word usage and punctuation. With daily practice from <i>IEW's Fix It! Grammar</i> students will learn to find and correct errors and are encouraged to immediately apply previously unfamiliar vocabulary and new grammar knowledge in the context of their own writing. Students will actively seek to understand other perspectives and cultures through reading, class discussions, and individual project assignments based on literature which will also serve as models to improve writing skills. Selections include a memoir, novels and tutor provided poetry selections.</p> <p>*Some reading may be required over Christmas Break.</p>	<p><b>Text:</b></p> <ul style="list-style-type: none"> <li>● <i>IEW's Fix It! Grammar Book 3: <u>The Frog Prince, or Just Deserts</u></i></li> <li>● <i>IEW's Student Resource Packet</i></li> </ul> <p><b>Literature:</b></p> <ul style="list-style-type: none"> <li>● Selection of poems</li> </ul> <p><b>(final selections to be chosen from the following list):</b></p> <ul style="list-style-type: none"> <li>● The Phantom Tollbooth</li> <li>● The Giver</li> <li>● The Shakespeare Stealer</li> <li>● Esperanza Rising</li> <li>● The Boy Who Harnessed the Wind</li> </ul> <p><b>Supplies and Equipment:</b> TBD</p>
<p><b>MS English 2 (7th-8th)</b> \$350 + \$20 copy fee Nicole Green NicoleKennedyGreen@gmail.com</p>	<p>Middle School English Level 2 provides instruction in analysis, written response and critique of literature which will include novels, an autobiography, and a selection of short stories. Using <i>The Elegant Essay</i> curriculum from Institute for Excellence in Writing (IEW), students will become confident essayists as they</p>	<p><b>Text:</b></p> <ul style="list-style-type: none"> <li>● <i>IEW's The Elegant Essay</i></li> <li>● <i>IEW's Portable Walls for the Essayist</i></li> <li>● <i>IEW's Fix It! Grammar Book 4: <u>Little Mermaid</u></i></li> </ul>

	<p>begin to master thesis statements, transitions, introductions, conclusions, and other building blocks of a well-crafted essay. Additionally, with daily practice from IEW's <i>Fix It! Grammar</i> students will learn to find and correct errors and are encouraged to immediately apply previously unfamiliar vocabulary and new grammar knowledge in the context of their own writing.</p> <p>*Some reading may be required over Christmas Break.</p>	<p><b>Literature:</b> Short Story selections from the <u>Holt Middle Level Literature</u> series <b>(other selections to be chosen from the following list):</b></p> <ul style="list-style-type: none"> <li>● The Outsiders</li> <li>● I Know Why the Caged Bird Sings</li> <li>● Others to be determined</li> </ul> <p><b>Supplies and Equipment:</b> TBD</p>
<p><b>Grammar and Composition I (9th-12th)</b> \$350 Alicia Brown abrown6708@gmail.com</p>	<p>This is a writing course designed to build students' confidence and skill set as they meaningfully engage daily in the writing process. Since writing is an amazing art form that can be used to create wonderful masterpieces for a variety of purposes and for a varied audience, students will learn what tools they need to write authentically and effectively. The right tools include grammar instruction, patterns for organization, models of good writing, imitation of good models, powerful ideas, and consistent daily practice. As students learn to apply the mechanics of grammar, identify the building blocks of effective writing, and compose meaningful sentences, paragraphs, and essays, their unique voice and style as a writer will develop.</p> <p>Writing practice includes journal entries and/or writing prompts, weekly grammar assignments, and monthly essays. Writing assignments will vary from 100 – 750 words per assignment. This course is designed for the beginning and intermediate writer.</p>	<p><b>Text:</b> <i>The Power in Your Hands</i> <i>by Sharon Watson</i></p> <p><i>Jensen's Punctuation</i> <i>by Frode Jensen</i></p> <p><b>Supplies and Equipment:</b> TBD</p>
<p><b>Grammar and Composition II (9th-12th)</b> \$350</p>	<p>This is a designed to strengthen students' writing by engaging in argumentative, persuasive, and research writing. Students will be expected to practice skills</p>	<p><b>Text:</b> Essays provided by teacher</p>

<p>Alicia Brown abrown6708@gmail.com</p>	<p>learned in class and to respond in writing to the texts they are reading. During the first half of the year, students will have weekly writing prompts that will be one to two pages each and a major essay that will be due monthly. During the second half of the year, students will learn how to synthesize texts and write an eight-to-ten page research paper. Writing assignments will vary from 350 - 3500 words per assignment. This course is designed for the advanced writer.</p>	<p><b>Supplies and Equipment:</b> TBD</p>
<p><b>American Literature and Composition (9th-12th)</b> \$350 plus \$25 class fee Michele Herring michele.herring@hotmail.com</p>	<p>This course will cover American literature. Analytical discussions and socratic circles will be routine. An essay will be written to accompany each piece of literature and a research paper in January. We will learn how to write effectively by using a blend of IEW and Lost Tools of Writing techniques. Books will be analyzed so the student can recognize genre, theme, conventions, devices and motifs.</p> <p>(THERE MAY BE minimal required reading over Christmas Break.)</p>	<p><b>Text:</b> Level D Vocabulary Workshop Call of the Wild Red Badge of Courage Narrative on the Life of Frederick Douglass or Uncle Tom's Cabin The Adventures of Huckleberry Finn Little Women or The Old Man and The Sea The Glass Menagerie</p> <p><b>Supplies and Equipment:</b> 1 inch binder</p>
<p><b>British Literature and Composition (10th-12th)</b> \$350 plus \$25 class fee Michele Herring michele.herring@hotmail.com</p>	<p>This course will cover British literature. Analytical discussions and socratic circles will be routine. An essay will be written to accompany each piece of literature and a research paper in January. We will learn how to write effectively by using a blend of IEW and Lost Tools of Writing techniques. Books will be analyzed so the student can recognize genre, theme, conventions, devices and motifs.</p> <p>(THERE MAY BE minimal required reading over Christmas Break.)</p>	<p><b>Text:</b> Level E Vocabulary Workshop And Then There Were None A Tale of Two Cities MacBeth Pride and Prejudice Jane Eyre The Screwtape Letters</p> <p><b>Supplies and Equipment:</b> 1 inch binder</p>

## SOCIAL SCIENCES

Course Information	Course Description	Materials
<p><b>MS Social Studies (6th-8th)</b>            \$350 plus \$20 supply fee            Jenny Simonson            jennynab@hotmail.com</p>	<p>In this middle school class students will be immersed in learning about civics and government. Lessons will focus on America's founding documents, branches of government, patriotic symbols, voting, the election process, the presidency, how Congress works, federal, state, and local government, the US military, Native American Tribal Government, Homeland Security, the economy, technology &amp; communication, education, tourism, and more. Students will host an American Holidays Celebration at the end of each semester.</p>	<p><b>Text:</b>            Notgrass, Uncle Sam and You Part 1 and 2            Notgrass, The Citizen's Handbook</p> <p><b>Supplies and Equipment:</b>            TBD</p>
<p><b>MS Maryland State History (Fall) (6th-8th)</b>            \$175 plus \$15 copy fee            JanElle Seegars            email</p>	<p>Middle School Maryland State History is a ONE SEMESTER middle school class that covers all things Maryland: history, geography, map skills, weather, industry, agriculture, major cities, citizenship, state and local government, and state symbols. Students will use this information to create their own personalized state history notebook. We will have at least one field trip for this class.</p>	<p><b>Text:</b>            Maryland State History Student Booklet (2015 edition)  <i>by Joy Dean</i>            A Helping Hand publisher            www.statehistory.net</p> <p><b>Supplies and Equipment:</b>            TBD</p>
<p><b>MS World Geography (Spring) (6th-8th)</b>            \$175 plus \$15 copy fee            JanElle Seegars            djgpsmom@gmail.com</p>	<p>Middle School World Geography is a ONE SEMESTER middle school class that begins with an overview of the world, defining the types &amp; terms of geography and basic map information. The countries of the world will be studied both topographically and culturally by continent through assembling a personal geography handbook. The class will culminate with a project that will give each student a chance to dig deep into their country of choice and share it with their fellow students.</p>	<p><b>Text:</b>            Merriam-Webster's Student Atlas (Copyright 2016, Paperback -December 1, 2016);            ISBN-10: 0877796386            ISBN-13: 978-0877796381</p> <p><b>Supplies and Equipment:</b>            TBD</p>

<p><b>American Government (9th-12th)</b>          \$350          JanElle Seegars          djgpsmom@gmail.com</p>	<p>A year-long high school class that covers Federal, state, and local government with a special emphasis placed on the Biblical basis for government and the U.S. Constitution. Additional topics include a current events blog, running a mock government, field trips, quarterly projects, and community service opportunities. US Government will count for 1 credit of government/civics.</p>	<p><b>Text:</b>          Exploring Government (2016 ed)          Notgrass          ISBN: 1609991001; ISBN-13:          978-1609991005</p> <p><b>Supplies and Equipment:</b>          TBD</p>
<p><b>World History (9th-12th)</b>          \$350          JanElle Seegars          djgpsmom@gmail.com</p>	<p>High school World History is a year-long class designed to help 9-12th graders understand history from a Christian perspective of faith in God and respect for the Bible. In addition to reading the history narrative about events, issues, and people from around the world and across the centuries, students will survey world geography. HS World History will count for 1 credit of history.</p>	<p><b>Text:</b>          Exploring World History 1 (2014 ed)          ISBN-10: 1609990617          ISBN-13: 978-1609990619          Exploring World History 2 (2014 ed)          ISBN-10: 1609990625          ISBN-13: 978-1609990626          Notgrass</p> <p><b>Supplies and Equipment:</b>          TBD</p>
<p><b>Honors American History 1 (9th-12th)</b>          \$350 plus \$25 class fee          Michele Herring          michele.herring@hotmail.com</p>	<p>This course covers American History beginning with Explorers to Post Civil War Era. Memorization of key facts as well as a timeline will be required. The Notgrass series will be completed by mid-March. To make this class honors level; we will be spending the last 6-8 weeks at Bridge Tutorial going more in-depth with events we learned all year long. We will be using video and texts as well as flashcards and study groups. The goal will be for your student to be able to take the American History 1 CLEP exam, but it is an optional test not needed for the Honors credit.</p>	<p><b>Text:</b>          Exploring America Part 1 (Notgrass)          American Voices (Notgrass)          Notgrass Quiz and Exam book          CLEP review book with practice CLEP exams          Cliffs Quick Review book</p> <p><b>Supplies and Equipment:</b>          1 inch binder</p>

**MATH**

<b>Course Information</b>	<b>Course Description</b>	<b>Materials</b>
<b>MS Math 7 (7th)</b> \$350 Cherisse Bracey email micher2708@gmail.com	This is a 7th grade math class that will review basic math skills and expand on concepts introduced in 6th grade like compound interest, representations of data, permutations and combinations. It will also introduce basic geometry and basic algebra in preparation for 8th grade math. Students should have successfully completed 6th grade math and will need to take a readiness test to ensure proper placement.	<b>Text:</b> Horizons Pre Algebra Student Book ISBN: 0740322443 ISBN-13: 9780740322440 <b>Supplies and Equipment:</b> ruler protractor graph paper - as needed
<b>Pre-Algebra (8th-9th)</b> \$350 Kym Kent carlkentfamily@gmail.com	In this class, all 123 lessons of Saxon Algebra 1/2, which is a Pre-Algebra class that also incorporates elementary geometry, will be fully covered. Students entering this class must have successfully completed 7th grade math or equivalent, and may be required to complete an assessment to ensure proper placement. Over the summer, a five-week prep class will be offered. Please contact the tutor directly for information regarding summer prep. This curriculum is geared towards 8th grade students and above.	<b>Text:</b> Saxon Algebra 1/2  <b>Supplies and Equipment:</b> protractor calculator (to be used ONLY when specified by the tutor or text)
<b>Algebra 1 w/Geometry (9th-12th)</b> \$350 Kym Kent carlkentfamily@gmail.com	In this class, all 120 lessons of Saxon Algebra 1 will be fully covered. Students entering this class must have successfully completed a Pre-Algebra class, and may be required to complete an assessment to ensure proper placement. This course also offers a study group immediately following class during 7th period, which is strongly recommended, especially for those new to Saxon Math. Additionally, over the summer, a five-week prep class will be offered. Please contact the tutor directly for information regarding summer prep. This curriculum is geared towards 9th grade students and above.	<b>Text:</b> Saxon Algebra 1  <b>Supplies and Equipment:</b> TBD

<p><b>Geometry (9th-12th)</b> \$350 Cathy Kolb cathy.kolb@yahoo.com</p>	<p>This class has been designed for those students who have taken Algebra with or without Geometry. This class may be taken in addition to Algebra with Geometry classes or as a stand-alone course. It depends on how you design your math curriculum. Also, any students who would like to focus more on Geometry concepts and terms for various reasons may want to take this class.</p>	<p><b>Text:</b> Geometry, Copyright @ 2001 by Holt, Rinehart and Winston, ISBN 0030522196 <a href="#">(NOTE: I will provide answer key to parents by e-mail)</a></p> <p><b>Supplies and Equipment:</b> 2-2½” Binder with a pocket in front/back -package of insertable tab dividers for binder -loose leaf paper (LOTS) -graph paper (as needed) -protractor -compass</p>
<p><b>Algebra 2 w/Geometry (9th-12th)</b> \$350 Chadren Aten chadren78@gmail.com</p>	<p>Students will continue to develop their Algebra skills, will study linear and non-linear functions, and will continue to explore Geometry topics. The Algebra II course will use the Algebra and Trigonometry by Foerster textbook along with supplemental Geometry materials. Students may earn ¼ Geometry credit with their Algebra II credit upon completion of the course. Prerequisite: Students must have completed Algebra I and Geometry or Algebra I with Geometry and maintained a C average in either class to take this course.</p>	<p><b>Text:</b> TBD</p> <p><b>Supplies and Equipment:</b> TBD</p>
<p><b>Advanced Math (11th-12th)</b> \$525 Chadren Aten chadren78@gmail.com</p>	<p>Students will conclude their discussion of Geometry, further investigate non-linear concepts and study Trigonometry topics. They will be using the Saxon Advanced Math textbook. Students may earn ½ Geometry credit with their Advanced Math credit upon completion of the course. Students with a full Geometry</p>	<p><b>Text:</b> TBD</p> <p><b>Supplies and Equipment:</b> TBD</p>

	<p>credit when entering this class, may earn honors credit for this course. This class runs for 1 ½ hours on Tues. and Thurs.</p> <p><b>Prerequisite:</b> Students must have Algebra II and Geometry or Algebra I with Geometry and Algebra II with Geometry and maintained a C average in Algebra II in order to take this course.</p>	
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**SCIENCE**

<b>Course Information</b>	<b>Course Description</b>	<b>Materials</b>
<p><b>MS General Science (6th-8th)</b>            \$350 + \$40 lab fee            Cherie Roberts            wowsci1317@gmail.com</p>	<p>The purpose of the Middle School General Science (Applied Engineering) class is to enhance student knowledge of key foundational concepts across multiple scientific disciplines. It is a perfect course for students just entering middle school, but it is an appropriate class for any student in grades 6–8.</p> <p><i>In General Science/Applied Engineering</i>, students will explore examples of God’s incredible design in nature and discover how His design has inspired man-made designs for batteries, human organ repair, microlenses, automotive engineering, paint, and even credit card security! Students will explore the exciting field of biomimicry and the frontiers of science where researchers are studying the design of God’s world to create breakthroughs that benefit our health and lives!</p> <p>One of the key objectives of this course will be to lay a solid foundation for more advanced science courses through enhancing conceptual knowledge, improving inquiry skills, engaging in interesting lab activities, and challenging students by incorporating content-based STEM activities.</p>	<p><b>Text:</b>            Made in Heaven            ISBN-13: 9780890516690, \$15.99            Discovery of Design            ISBN-13: 9780890515747, \$11.99            Champions of Invention            ISBN-13: 9780890512784, \$4.79</p> <p><b>Supplies and Equipment:</b>            TBD</p>

<p><b>MS Life Science (6th-8th)</b>          \$350 + \$40 lab fee          Cherie Roberts          wowsci1317@gmail.com</p>	<p>In the Life Science class we will explore cell biology, genetics, the history of life, microbiology, botany, zoology, ecology, and human anatomy and physiology, all within a biblical framework. One of the key objectives of this course will be to lay a solid foundation for more advanced science courses through enhancing conceptual knowledge, improving inquiry skills, engaging in interesting lab activities, and challenging students by incorporating content-based STEM activities.</p> <p><b>Prerequisites:</b>          This class is designed for middle school students. It is recommended that students take General Science before taking this class.</p>	<p><b>Text:</b>          Exploring the World of Biology, Tiner          ISBN: 0890515522, \$11.99</p> <p>Introduction to Anatomy &amp; Physiology vol. 1 Mitchell          ISBN: 9780890518656, \$14.49</p> <p>Introduction to Anatomy &amp; Physiology vol. 2 Mitchell,          ISBN: 0890519285, \$13.99</p> <p>Supplies and Equipment:          TBD</p>
<p><b>Physical Science (8th-9th)</b>          \$350 + \$30 lab fee          Christina Rafter          chrstnrfr@gmail.com</p>	<p>This course combines earth science and physics to provide a rigorous last year of middle school science or a first year of high school science. This course discusses such topics as the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, Newton’s Laws, gravity, and astrophysics. There are many hands-on experiments to do and it is an excellent course for preparing the student to take a college-prep high school science curriculum.</p>	<p><b>Text:</b>          Exploring Creation with Physical Science 2nd ed.          Exploring Creation with Physical Science Tests and Solutions 2nd ed.</p> <p><b>Supplies and Equipment:</b>          TBD</p>
<p><b>Biology (9th-12th)</b>          \$350 + \$30 lab fee          Christina Rafter          chrstnrfr@gmail.com</p>	<p>This course is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. With a strong emphasis on vocabulary and experiments, the course provides the student with a solid background in biology which is presented in a readable, conversational tone. Labs will include becoming familiar and proficient with the microscope as well as multiple dissections and other engaging hands on activities.</p>	<p><b>Text:</b>          Exploring Creation with Biology 2nd ed.          Exploring Creation with Biology Tests and solutions 2nd ed.</p> <p><b>Supplies and Equipment:</b>          TBD</p>

<p><b>Chemistry (9th-12th)</b> \$350 + \$40 lab fee Cherie Roberts wowsci1317@gmail.com</p>	<p>The chemistry course will cover fundamental topics &amp; concepts such as the classification of matter, atomic structure, spectroscopy, chemical bonding, molecular geometry, physical change, chemical change, stoichiometry, solutions, ideal gases, acid/base chemistry, reduction/oxidation reactions, thermochemistry, thermodynamics, kinetics, and chemical equilibrium. Emphasis will be placed upon integration of mathematics to help students develop necessary skills to think as a chemist.</p> <p>Class time will primarily be spent conducting many of the 46 separate experiments included in the text. Some of the labs are quantitative in nature, including measuring the wavelength of microwaves, calculating percent yield, measuring concentration of a solution, measuring the specific heat, and determining the change in enthalpy for a chemical reaction. Other labs are qualitative, such as performing flame tests, examining the interference of light waves, comparing metals to nonmetals, exploring Boyle's Law, doing litmus tests, and electroplating.</p> <p>This course will help students understand how chemistry reveals the amazing design and handiwork of God.</p> <p><b>Prerequisites:</b> Students should have successfully completed Algebra I prior to taking this class.</p>	<p><b>Text:</b> Discovering Design With Chemistry ISBN: 978-0-9962784-6-1</p> <p><b>Supplies and Equipment:</b> TBD</p>
<p><b>Physics (10th-12th)</b> \$350 + \$30 lab fee Christina Rafter chrstnrfr@gmail.com</p>	<p>This is a college-prep physics course designed for the student who has completed Algebra 2 and Geometry and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis.</p> <p><b>Prerequisites:</b> Alg. 2 and Geometry</p>	<p><b>Text:</b> Exploring Creation with Physics 2nd edition Exploring Creation with Physics Tests and Solutions 2nd edition</p> <p><b>Supplies and Equipment:</b> TBD</p>

<p><b>Marine Biology (9th-12th)</b> \$350 + \$30 lab fee Christina Rafter chrstnrfr@gmail.com</p>	<p>This course concentrates on marine wildlife and marine habitats. It provides a survey of members of each biological kingdom that live in marine environments. The student will learn about the microscopic organisms that make life in the ocean--and on land--possible, including details about their interesting habits and life cycles. <b>Prerequisite:</b> Biology required</p>	<p><b>Text:</b> Exploring Creation with Marine Biology (either edition) Exploring Creation with Marine Biology Tests and Solutions</p> <p><b>Supplies and Equipment:</b> TBD</p>
<p><b>Forensic Science (10th-12th)</b> \$350 + \$40 lab fee Cherie Roberts wowsci1317@gmail.com</p>	<p>High School Forensic Science is an advanced-level science course for students in grades 10 – 12. This course is truly a “capstone” science class, in that it combines knowledge and skills in biology, physical science, chemistry, earth science, and even biblical apologetics, as we learn about and practice real life skills of forensic investigation.</p> <p>With today's popular television programs about criminal justice and crime scene investigation, students often have a passion for exploring forensic science. This course offers a truly experiential approach that engages students in active learning and emphasizes the application of integrated science. The class balances extensive scientific concepts with hands-on classroom and lab activities, readings, intriguing case studies, and scenarios.</p> <p>Alongside the text and lab activities, students will be reading at least one book written by J. Warner Wallace, a former atheist, LA police officer, and detective. His unique apologetic books speak to readers’ intense interest in detective stories, and inspire readers to have confidence in Christ as it prepares them to articulate the case for Christianity.</p>	<p><b>Text:</b> Forensic Science: Fundamentals and Investigations, Bertino &amp; Bertino, ISBN-13: 978-1305077119 (See note below)</p> <p>Cold Case Christianity: A Homicide Detective Investigates the Claims of the Gospels, J. Warner Wallace, ISBN-13: 9781434704696</p> <p>God's Crime Scene: A Cold-Case Detective Examines the Evidence for a Divinely Created Universe, J. Warner Wallace ISBN-13: 9781434707840</p> <p>Note about the forensic science text: There are two editions of the course text available, as well as an ebook edition. Although we will be using the 2<sup>nd</sup> edition in class, there are only a few differences in the two texts. Students may purchase either edition, or the ebook edition. I will provide</p>

	<b>Prerequisites:</b> Biology (required) Physical Science (required) Algebra 1 (required) Chemistry (highly recommended)	supplemental information, as needed, to any student that has the older text.  <b>Supplies and Equipment:</b> TBD
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## ELECTIVES

Course Information	Course Description	Materials
<b>Home Tech (Fall)</b> <b>(9th-12th)</b> \$200 + \$35 fee Martin Orcurto orcurtos@gmail.com	Do NOT sign up for this class if: You want to make it to graduation alive You desire to keep all your fingers intact You do not want to sport an electrifying hairstyle You are colorblind and cannot tell the difference between a red and black wire Sign up for the class if you are adventurous and curious with a desire to know more about the skills necessary to maintain your home. The home sciences include basic safety procedures, electrical, plumbing, and carpentry skills. The car care portion will include basic maintenance, roadside emergency services, and accident procedures. The course will be very hands on (if you can keep them) and require students to work individually and in groups on projects. No text is required for this class, but there will be a lab fee to cover materials used in projects. Adult supervision will be required for some home assignments. This is a fall semester half credit class.	<b>Text:</b> None  <b>Supplies and Equipment:</b> Access to the internet Basic Tools including safety glasses
<b>Introduction to Computer Technology</b> <b>(9th-12th)</b> \$200 Martin Orcurto orcurtos@gmail.com	This course will introduce students to computer hardware basics, connectivity in laptops, and standard business productivity software. They will become proficient in the use of the Microsoft Office suite (Word, Excel and PowerPoint) as well as the basics of Google's G Suite (Sheets, Docs, and Slides). Students will need	<b>Text:</b> None  <b>Supplies and Equipment:</b> PC laptop with Microsoft Office (more information TBA on how to obtain a student copy for this class)

	their own PC laptop to bring to class. This is a one semester course offered during the Spring semester.	
<p><b>Family and Consumer Science (9th-12th)</b>          \$350 + \$25 lab fee          Angela Wright          thewrightlady92@gmail.com</p>	<p>Becoming a godly and productive family member and consumer are fundamental skills for life. This course will cover the following areas: food preparation, nutrition, consumer economics, budgeting, event management, hospitality, interior design, textiles, fashion, family development, and childcare. This will be a hands-on course with many projects being assigned at home. It will be presented with a fun, fresh and biblical approach to encourage students to move forward excited about their personal contribution to their family, church and community.</p>	<p><b>Text:</b>          Family/Consumer Sciences, A Beka Book, spiral bound, 1st Edition, \$25.05 or you can get a digital textbook for \$9.95 at  <a href="http://www.abeka.com/ABekaOnline/BookDescription.aspx?sbn=303216">http://www.abeka.com/ABekaOnline/BookDescription.aspx?sbn=303216</a></p> <p>Family/Consumer Sciences Lab Manual with Recipes, A Beka Book, 1st Edition, \$14.15 at  <a href="http://www.abeka.com/ABekaOnline/BookDescription.aspx?sbn=110914">http://www.abeka.com/ABekaOnline/BookDescription.aspx?sbn=110914</a>          Family/Consumer Sciences Quiz and Test Book, A Beka Book, 1st Edition, \$7.40 at  <a href="http://www.abeka.com/ABekaOnline/BookDescription.aspx?sbn=178993">http://www.abeka.com/ABekaOnline/BookDescription.aspx?sbn=178993</a>          Stuff every Cook Should Know by Joy Manning \$8.89 at  <a href="https://www.amazon.com/gp/product/1594749361/ref=oh_aui_detailpage_o05_s00?ie=UTF8&amp;psc=1">https://www.amazon.com/gp/product/1594749361/ref=oh_aui_detailpage_o05_s00?ie=UTF8&amp;psc=1</a></p> <p><b>Supplies and Equipment:</b>          TBD</p>
<p><b>Piano (6th-12th)</b>          \$25/half hour          Linda Towles  <a href="mailto:towles_linda@yahoo.com">towles_linda@yahoo.com</a>          301-758-6201</p>	<p>Piano lessons are in half hour or one-hour private sessions, starting students from their current level and building their skills in note-reading, theory, rhythm, and competent playing skills. Payment is due each month at the first lesson of the month.          Contact Mrs. Towles directly to register for classes.</p>	<p><b>Text:</b>          TBD</p> <p><b>Supplies and Equipment:</b>          none</p>

<p><b>Digital Photography (9th-12th)</b>          \$350          Alyce Olson  <a href="mailto:isaiah79b@hotmail.com">isaiah79b@hotmail.com</a></p>	<p>The purpose of this class is to learn and understand the fundamentals of photography, and the camera. Students will learn different techniques and styles of photography. They will also learn how to take pictures in such a way that they will not need to use a computer to fix the photograph. By the end of the year the students will be able to navigate their camera in manual mode very comfortably.</p> <p>Some of the things we explore and work on are:          Compositional Rules some of them are; rule of thirds, lines, texture, patterns, and positioning          Kinds of Photography such as; close ups, headshots, portraits, landscape pictures, storytelling, and much more. We will work on a little trick photography as well.</p>	<p><b>Text:</b>          Light Room (student version)          Internet access for research</p> <p><b>Supplies and Equipment:</b></p> <ul style="list-style-type: none"> <li>● Digital SLR camera</li> <li>● Laptop with Light Room installed</li> <li>● Jump drive</li> <li>● Notebook</li> <li>● Pen</li> </ul>
<p><b>Art Technique (Spring) (9th-12th)</b>          \$200 + \$25 lab fee          Tom Fox  <a href="mailto:tom.fox@oaci.org">tom.fox@oaci.org</a></p>	<p>This course is designed to give the student a general knowledge of art including introductory art forms (lines, shapes, ideas), color and tone, texture and patterns, form and space, as well as technique. We will learn point of focus as well as perspective drawing. We will learn to use different media including graphite and colored pencil, pen and ink, charcoal, pastels, and watercolor.</p> <p>In addition to class time, at least one field trip will be scheduled and coordinated with parents to the National Museum of Art.</p> <p>Students will work at their own pace as we discover art techniques together. Beginners will be encouraged to try different media and tutored one-on-one in class as we all work together. Advanced students will be stretched in areas they already excel and encouraged to enhance their developed skills.</p>	<p><b>Text:</b> No text required</p> <p><b>Supplies and Equipment:</b>          TBD</p>

<p><b>Etiquette &amp; Protocol Life Skills (9th-12th)</b>          \$350 + \$35 Activities Fee          (additional fee may be needed depending on protocol event cost)          Kelly Blake          Kdbblake@gmail.com</p>	<p>The goal of this class is to open our eyes to and take advantage of the many opportunities we all have to help others feel valued. Students will learn to contribute positively to society by learning skills that will impact both personal and professional relationships. As believers in Christ, we must not fail to recognize that we are instructed to regard others more highly than ourselves. "We should thus see protocol [and etiquette] training as providing useful skills and prescribed procedures that help us walk in a manner worthy of the gospel in our relationships and in social situations." Class time will be spent eating...YES, EATING while covering a variety of topics and engaging students in conversations, practices, role play, and activities aimed at developing a mindset that will help promote valuable character building habits, self-discipline, humility, thoughtfulness, and kind behavior towards others. Students will learn protocol unique to males and females, take a look at the history behind some of our social practices, sharpen our professional skills with mock job interviews, bless our community with acts of service, and enjoy "a night on the town" with a special protocol dining and cultural event.</p> <p>(*Quoted material taken from <u>Protocol Matters</u>)</p>	<p><b>Text:</b>          -The Bible          -Protocol Matters by Sandra Boswell          -Etiquette Intermediate 2 &amp; 3 by The Etiquette Factory</p> <p>Note: Possible additional text is being researched.</p> <p><b>Supplies and Equipment:</b>          TBD</p>
<p><b>Physical Ed (Fall) (6th-12th)</b>          \$175          Roseline Law          HeavenlyBodiesLive@gmail.com</p>	<p>This class is designed to promote daily physical activity. Students will learn cardio, strength training, breathing and stretching techniques. During this class, students will be expected to at least attempt various fitness challenges.</p>	<p><b>Text:</b> None</p> <p><b>Supplies and Equipment:</b>          Workout or gym clothes including running shoes are to be worn to class.</p>
<p><b>Health and Nutrition (Spring) (6th-12th)</b></p>	<p>The goal of this course is to empower students to develop knowledge, skills and attitude so that they may</p>	<p><b>Text:</b></p>

<p>\$200 + \$60 class fee Roseline Law HeavenlyBodiesLive@gmail.com</p>	<p>maintain lifelong health and wellness. This will include selected topics in the following areas: Mental Wellness, Personal Safety and Health, Physical Activity and First Aid. Students will also be challenged to choose, prepare and serve nutritious meals at home and in class.</p>	<p>The Spice Queen's Kitchen, recipe book - \$22 (purchase from tutor)</p> <p><b>Supplies and Equipment:</b> TBD</p>
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