

## 2016-17 COURSE DESCRIPTIONS 7<sup>th</sup>-12 grade

| CLASS                      | TEXTBOOK/<br>TIME COMMITMENT/<br>FEE                                                                                                   | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>General Science Lab</b> | <p>Apologia <i>Exploring Creation with General Science</i> 2<sup>nd</sup> edition</p> <p>\$25 / student</p>                            | <p>This hands-on LAB will cover the experiment component of all 16 modules; approximately 1 module every 2 weeks; homework assigned. May need to purchase laboratory notebook as requested by teacher. The course covers such topics as the scientific method, designing experiments, simple machines, archaeology, geology, paleontology, biology, and human anatomy and physiology. Its scope, therefore, is quite wide.</p> <p>It is important that students complete all reading and homework assignments outside of class. Module reviews and tests should be conducted at home.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Biology Lab</b>         | <p>Apologia <i>Exploring Creation with Biology</i>, 2<sup>nd</sup> edition</p> <p>\$25 / student</p>                                   | <p>This hands-on 32-week lab will cover experiment component of all 16 modules; approximately 1 module every 2 weeks; homework assigned. Likely will need to purchase laboratory notebook as requested by teacher.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chemistry Lab</b>       | <p>Apologia <i>Exploring Creation with Chemistry</i> 2<sup>nd</sup> edition</p> <p>\$25/student</p> <p>Prerequisite:<br/>Algebra I</p> | <p>This lab is designed to be a first-year high school chemistry course giving students a challenging foundation in chemistry, in order to prepare them for a college-level course. Topics covered include: significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium.</p> <p>This course will focus on completing the hands-on lab experiments for all 16 modules presented in the text. As class time allows, lab write-ups will be started, and important concepts reinforced with short videos, games, and activities. Some homework sheets will be assigned and graded by the instructor. Students must have a solid foundation in mathematics and the completion of Algebra I is a prerequisite.</p> <p>Outside of class, students will be responsible for reading the text assignment and completing the "On Your Own" questions, practice problems and end of module reviews. Lab write-ups (1/module recommended), module tests, and quarterly tests are to be completed at home and graded by the parents.</p> |
| <b>Hot Topics</b>          |                                                                                                                                        | <p>Students will be confronted with relevant issues from news and culture and discuss how we might evaluate and respond to those issues from a Christian worldview. Likely topics include, but are not limited to the following: Presidential Election, Homosexual Marriage, Transgenderism, Socialism vs Capitalism, Income Disparity, Racism, Technology and Privacy, Human Trafficking, Bullying, Diversity and Multiculturalism, Environmental Issues.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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| <p style="text-align: center;"><b>Public Speaking</b></p>      |                                                                                                                                                                  | <p>Are your students intimidated by public speaking? This fun class will help them overcome their fears and actually enjoy presentations! Each week students will be given You Tube videos of various presentations to watch at home with a brief evaluation form. This shouldn't take more than 15 minutes. Then in class students will prepare and present their own "speeches". Here are a few of the presentations they will be doing: reading a favorite childhood story book, reading a Bible passage, presenting a humorous monologue, giving an elevator pitch, and creating an infomercial on a crazy product. Listening to classmates and providing positive feedback will be required and will improve listening and observation skills. The students will share lots of laughs while encouraging each other to become confident and competent speakers. No text is required.</p> |
| <p style="text-align: center;"><b>Government/Elections</b></p> | <p>Textbook TBA and to be purchased prior to class</p>                                                                                                           | <p>The government class will examine the history and functions of the three branches of America's federal and state governments. The class will integrate current events (i.e. presidential and other elections) into the discussions, and seek to prepare the students to be well-informed citizens and voters. Weekly reading assignments will be made, so parents should anticipate purchasing a textbook.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p style="text-align: center;"><b>Money Management</b></p>     | <p style="text-align: center;">No fee</p> <p>5<sup>th</sup>/3<sup>rd</sup> Bank has agreed to sponsor our Foundations in Personal Finance program this year.</p> | <p><i>Foundations in Personal Finance</i> will change the financial future of your students and set them on a path to win with money, allowing you to change the way your students look at money forever. They will be empowered, equipped and entertained while building confidence in their own financial decision-making. This course is designed help students become financially literate and competent in the areas of saving, budgeting, understanding credit and debt, insurance, investing, income, taxes, and giving, so they can make sound financial decisions for life. This course will have homework (although not every week).</p>                                                                                                                                                                                                                                           |
| <p style="text-align: center;"><b>Life Skills</b></p>          |                                                                                                                                                                  | <p>Is your student ready for the next stage in life? This class will cover everything from auto and home maintenance to time management skills. There will be several teachers for this class, each covering their own area of expertise.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p style="text-align: center;"><b>Photo Technique</b></p>      | <p>A camera is required</p>                                                                                                                                      | <p>The class will introduce basic photography skills + terms including manual camera functions, composition, posing, and lighting.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p style="text-align: center;"><b>Photo Editing</b></p>        |                                                                                                                                                                  | <p>This class will introduce post production skills using Bridge and Photoshop. Highlighting certain tools, we will show how to make exposure changes, eliminate imperfections on skin and different editing styles.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p style="text-align: center;"><b>Ballroom Dancing</b></p>     |                                                                                                                                                                  | <p>This 8-week class will cover beginning steps for the Waltz, Cha Cha, and West Coast Swing.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p style="text-align: center;"><b>Survival Skills</b></p>      |                                                                                                                                                                  | <p>This 8-week class will give an introduction to skills needed for survival in the outdoors. If your student enjoys or has a newfound interest in hiking, camping, or roughing it this could be the class for you. Orienteering, reading a map, knot tying, how to make an emergency shelter and fire, and how to safely eat and drink from the environment are some of the topics that will be covered.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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| <p style="text-align: center;"><b>Software for Successful Students</b></p> |                                                                                              | <p>Students will be taught the use of applications particularly useful for academic endeavors. They will be taught word processing skills, including formatting for a variety of purposes. They will also learn presentation software skills. For the purposes of this class we will use free downloadable / online applications, but we will explain how these software packages compare to Microsoft Office products. No text will be necessary, but access to email (through parent, if not personal) will be necessary to receive and submit assignments.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p style="text-align: center;"><b>Mixed Media</b></p>                      | <p>Required:<br/>Wood burning pen<br/>and<br/>\$15.00 class fee to cover other materials</p> | <p>This will be a fun hands-on class. In this mixed media art class your student will create artwork using more than one medium. Each project will take at least two weeks to complete.</p> <p>*Wood burning - For this project we will prepare a piece of wood, draw a design onto the wood, burn the design into the wood, and finally finish the project by applying a coat of polyurethane. Each student will need to purchase a wood burning pen. You can purchase them at Michaels for \$13.00.</p> <p>*String art - Students will apply two coats of acrylic paint to a piece of wood, create a design by hammering nails into the wood, and complete the project by wrapping colorful thread around the nails.</p> <p>*Seed mosaic - Create a seed mosaic by drawing a picture onto a piece of foam board and then assembling and gluing various types of seeds onto the board.</p> <p>*Paper sculpture - Students will create a 3-D version of a famous painting by painting the background and sculpting the foreground using paper.</p> <p>There will be a \$15.00 fee to cover the cost of supplies for this class. The wood burning pen is not included in the class fees. Students will need to purchase the wood burning pen prior to starting the class.</p> |