

WHITE OAK CHRISTIAN ACADEMY (WOCA)

2017 FALL HOMESCHOOL COOPERATIVE CLASSES

Regular Session: Sept 11 - Nov 20 *Extended Session: Nov 20 - Dec 18 (includes make up days)

TIME	MIDDLE SCHOOL				HIGH SCHOOL			
9:30 am	Opening Prayer will take place in the individual classes which begin promptly at 9:45am							
9:45 am	Survivor Science Part I Co-op \$25 Drop Off \$75 Includes Student Text	Apologia General Science Part I Co-op \$25 Drop Off \$75	* Apologia Physical Science Part I Co-op \$25 Drop Off \$75	* Apologia Biology Part I Co-op \$25 Drop Off \$75	* Apologia Human Body (Biology prereq) Part I Co-op \$25 Drop Off \$75	* Apologia Chemistry (Alg I prerequisite) Part I Co-op \$25 Drop Off \$75	* Apologia Physics (Alg II prerequisite) Part I Co-op \$25 Drop Off \$75	
11:15 am	First Period Ends - Lunch & Gym Time							
	Public Speaking Co-op \$15 Drop Off \$45	Great Inventions History Includes student text Co-op \$15 Drop Off \$45	Professional Art Co-op \$50 Drop Off \$100	Study Hall Co-op \$0 Drop Off \$25	* Spanish I Part I Co-op \$25 Drop Off \$75	Geometry Skills Co-op \$15 Drop Off \$45	Writing Short Stories Co-op \$15 Drop Off \$45	
12:55 pm	Second Period Ends							
1:00 pm	Geometry Skills Co-op \$15 Drop Off \$45	Writing Creatively Co-op \$15 Drop Off \$45	Professional Art Co-op \$50 Drop Off \$100	Study Hall Co-op \$0 Drop Off \$25	* Spanish II Part I Co-op \$30 Drop Off \$90	Speech Includes student text Co-op \$25 Drop Off \$75	* World History Part I Includes student text Co-op \$20 Drop Off \$60	
2:00 pm	Third Period Ends							
2:30 pm	Please exit the building as soon as possible or we may incur an additional rental fee.							

----- Class selections subject to change based on enrollment-----
 ----- Please review course descriptions for a list of required materials -----

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MIDDLE AND HIGH SCHOOL COURSE DESCRIPTIONS

All students are required to bring a book bag/backpack to hold their textbooks and class notebooks. Basic school supplies like pencils, pens, markers, etc are provided by co-op. However, students will be doing a lot of note taking so their own pencils/pens would be most convenient. Student lunches should be dropped off in the main hallway before class. Middle and High Classes start promptly at 9:45am each co-op day. These students do not attend opening assembly but will hold morning prayers in their individual classrooms.

Middle School Survivor Science (6th - 7th)- The middle schoolers will have a fun, hands on learning year focusing on Survival Science as they go through the text entitled "Survivor Kid" by Denise Long. During this first semester of science class, students will learn about being lost, making shelter, creating clean water, signals, wild animals and much more. Class fees cover curriculum, supplies and student text. **This is a year-long course.**

Required Materials: 1 ½ inch 3-ring binder, 20 dividers. Textbook provided on the first day of class.

Apologia General Science (7th-8th)- This class will supplement the students' work at home using Apologia's Exploring God's Creation with General Science. Class time will be used primarily for lab work, review, and additional activities. There will be required reading and homework questions assigned each week of this class. The 16 modules in the student text cover the history of science, experimentation, simple machines, archaeology, geology, paleontology, fossils, the fossil record, classification of life, the human body, energy, the reproductive system, the digestive system, and the nervous system. Class fees cover curriculum, copies, and supplies. **This is a year-long course.** There will be some work to complete before the beginning of co-op and during the breaks.

Required Materials: a 2-inch 3-ring binder, 17 dividers, and the textbook and tests for Apologia's Exploring God's Creation with General Science, 2nd Edition

***Apologia Physical Science (8th-9th)** - This class will supplement the students' work at home using Apologia's Exploring God's Creation with Physical Science. Class time will be used primarily for lab work, review and additional activities. There will be required reading and homework questions assigned each week. Topics in this course include the atmosphere, hydrosphere, weather, Earth structure, environmentalism, physics of motion, Newton's laws, gravity, and astrophysics. Class fees cover curriculum, copies, and supplies. **This is a year-long course** designed for a full credit in a lab high school science. There will be some work to complete before the beginning of co-op and during the breaks.

Required Materials: a 2-inch 3-ring binder, 17 dividers, and the textbook and tests for Apologia's Exploring God's Creation with Physical Science, 2nd Edition

*Note: This is an extended semester course

***Apologia Biology (9th-10th)** - This class will supplement the students' work at home using Apologia's Exploring God's Creation with Biology. This is a college-prep course, so students should plan on reading 20-25 pages per module according to the class schedule in order to be prepared for each class. We will spend two weeks per module with students completing questions, study guides, and module tests at home for each of the 16 modules. We will use class time primarily for lab work, review, and additional activities. These activities include the dissections of earthworms, crayfish, perch, frogs, and flowers. Instruction will be given in completing both formal and informal lab reports, all of which will be compiled in the students' notebooks. Class fees cover curriculum, copies and supplies. **This is a year-long course** designed for a full credit in a lab high school science. There will be some work to complete before the beginning of co-op and during the breaks.

Required Materials: the textbook and tests for Exploring God's Creation with Biology, 2nd Edition, a 2-inch 3-ring binder, 17 divider tabs (labeled 1-16 and Lab Work), lined paper, and drawing paper. *Note: This is an extended semester course.

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* **Apologia The Human Body Advanced Biology (10th - 12th)**- This class will supplement the student's work at home using Apologia's Exploring God's Creation with the Human Body. In order to take this advanced biology course, the student must have completed a first year biology course. The material covered in this course explains both the anatomy and the physiology of the human body's eleven organ systems in detail. NOTE: the reproductive system is covered in detail, including frank (not pornographic) illustrations and descriptions. Class time will be used primarily for lab work, review, and additional activities. There will be required reading and homework questions each week. Class fees cover curriculum, supplies and extended rent. **This is a year-long course** designed for a full credit in a lab high school science. There will be some work to complete before the beginning of co-op and during the breaks. The required Anatomy Coloring Book is included in your class fee.

Required Materials: a 2-inch 3-ring binder, 17 dividers, and the textbook Apologia The Human Body Advanced Biology 2nd Edition

*Note: This is an extended semester course.

* **Apologia Chemistry (10th - 12th)**- This class will supplement the student's work at home using Apologia's Exploring God's Creation with the Chemistry. **This is a year-long course** designed for a full credit in a lab high school science. Class time will be used primarily for lab work and lectures. There will be required reading and homework questions assigned to the students each week. Topics in this course include stoichiometry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, orbital hybridization, molecular orbitals, molecular geometry, chemical equilibrium, and nuclear chemistry. An introduction to organic chemistry is also included, focusing on the major functional groups, organic nomenclature, and polymer chemistry. Completion of Algebra I is a prerequisite for this course. Class fees cover the curriculum, copies and supplies. There will be some work to complete before the beginning of co-op and during the breaks.

Required Materials: a 2-inch 3-ring binder, 17 dividers, and the textbook Apologia Chemistry 3rd Edition

*Note: This is an extended semester course.

* **Apologia Physics (11th - 12th)**- This class will supplement the student's work at home using Apologia's Exploring God's Creation with the Physics. **This is a year-long course** designed for a full credit in a lab high school science. Class time will be used primarily for lab work, review, and additional activities. There will be required reading and homework questions assigned to students each week. Topics in this course include vector analysis, Newton's laws, work and energy, waves, magnetism, electrodynamics, and more. Algebra II and chemistry are prerequisites for this course. Class fees cover the teaching materials, copies and supplies. There will be some work to complete before the beginning of co-op and during the breaks.

Required Materials: a 2-inch 3-ring binder, 17 dividers, and the textbook Apologia Physics 2nd Edition

*Note: This is an extended semester course.

Geometry Skills (6th-12th) - Based on the Real Life Math and Math Keys series, this 10 week course is designed to be a high school credit (full credit with completion of the keys booklets). Students will learn practical problem-solving skills using geometry. This course will introduce students to a wide range of geometric discoveries as they perform step-by-step constructions learning about lines, angles, segments, etc. Class activities will involve discussion with landscape, design & marketing, art, sports & recreation and more. Homework will be given in the Keys to Geometry booklets (copyright 1979) with completion giving a complete geometry credit.

Required Materials: None but we recommend the purchase the Key to Geometry workbooks \$62 (\$92 with answer keys) for homework assignments and complete credit.

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Great Inventions (6th-8th) - Each week students will be learning about several revolutionary inventions. We will discuss the inventions, their inventors, and how they have changed our lives and cultures. This is a discussion based class that will encourage student to imagine what life would be like without some of the things we use on a daily basis. The course will contain lecture, videos, group discussions, weekly homework reading, and an end of the semester class presentation. Class fees cover the cost of curriculum and supplies. The *Story of Inventions* published by Christian Liberty Press will be provided on the first day of class.

Required Materials: None. Student text is included in the cost of the class.

Professional Art (6th-12th) - This course is taught by our art teacher Stephanie Torres. Ms. Torres has a fine arts degree from Maryland Institute College of Art and spent twenty years in the Frederick County public school system. This art exploration course will expand upon art principal and vocabulary. Art History, using artists and art movements, will be incorporated into the classroom through use of art mediums. Students will learn how to put together a portfolio and how to look at art using principals such as balance and eye movement through the piece. Art assignments will explore different and combined mediums. Art History will be presented with written notes and visuals. Class fees cover professional fees, copies and supplies

Required Materials: (Optional) paint smock or dad's old t-shirt to protect student's clothing on messy art days

Public Speaking (6th-8th) - Ease your child into the world of public speaking with this class that takes a fun approach to a challenging task through theater games, small group exercises and confidence building assignments. Homework will be given to create prepared speeches using the "bones format." This course utilizes the curricula Speakers Club, Toastmasters and Speech Boot Camp.

Required Materials: None

***Spanish 1 (8th-12th)** - Spanish is a fun and interesting language to learn and speak and it is quickly becoming a widely-spoken language in the U.S. and beyond. It does however require time and practice to learn, especially since we don't speak it on a regular basis. Based on the Abeka Spanish 1 program, this year long course will require **DAILY** study and memorization. All designed to promote meaningful use of the Spanish language, this text provides an excellent presentation of grammar and exercises to develop conversation skills. Vocabulary memorization is key to this course.

Required Materials: Abeka Spanish 1 Workbooks A & B, Accompanying Vocabulary Manual and Vocabulary CD, 1 2-inch binder, college rule paper

*Note: This is an extended semester course.

***Spanish 2 (9th-12th)** - Spanish is a fun and interesting language to learn and speak and it is quickly becoming a widely-spoken language in the U.S. and beyond. It does however require time and practice to learn, especially since we don't speak it on a regular basis. Based on the Abeka Spanish 2 program, this year long course will require **DAILY** study and memorization. All designed to promote meaningful use of the Spanish language, this text provides an excellent presentation of grammar and exercises to develop conversation skills. Cultural readings are featured during this second year text. A placement test will be provided by the instructor to ensure new students are ready for this course.

Required Materials: Abeka Spanish 2 Workbooks A & B, Accompanying Vocabulary Manual, 1 2-inch binder, college rule paper

*Note: This is an extended semester course.

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Speech (9th-12th) - This semester half credit course is based on the text Well Spoken : Teaching Speaking to All Students. In this class, students will learn the art of speaking through engaging strategies stressing effective oral communication. Practical lesson plans will be present to include topics on speech building, audience, content, organization, visual aids, appearance, poise, voice, eye contact, gestures and speed. Class fees cover the cost of teaching materials, copies, supplies and student text.

Required Materials: None. Student text is included in the cost of the class.

Study Hall (9th-12th) - We are offering a quiet study hall for our students. In order to qualify for this class, students need to be self-motivated and require minimal supervision. Behavior problems will not be tolerated in this atmosphere. Problem students will be immediately dismissed and not allowed to participate in future study hall sessions. Students may only sign up for one hour of study hall per coop day.

Required Materials: Enough quiet, independent school work to occupy one hour. This class is not for group study, texting your friends, or gaming.

Writing Creatively (6th-8th) - This course will take your child through the process of writing creative stories while learning all the wonderful stylistic techniques taught through the Institute for Excellence in Writing (IEW). As students create their timeless stories, they will learn about setting, mood, plot, climax and characterization. This course is based on the IEW Resource Story Quest, Creative Writing Guide for Story Writing. A weekly writing assignment will be given which if done well should take about 30-45 minutes EACH DAY to complete. Class fees include curriculum, copies and supplies.

Required Materials: Word processing software for submitting papers to the teacher prior to class is required.

Writing Short Stories (9th-12th) - This half credit language arts course introduces the beauty of creative writing through original stories. How to Write a Story, An Instructional Guide and Teaching Basic Story Writing by Lee Roddy, uses the basic IEW structure of writing and introduces literary terms. Throughout this class, students will learn to write a basic story from their own ideas. It will take them through the process of beginning to end. By the end of this class, each student will have written a short story using all of the essentials needed to produce a concrete narrative. Class fees cover curriculum, copies and supplies.

Required Materials: Word processing software for submitting papers to the teacher prior to class is required.

***World History (9th-12th)** - This full year credit history course is based on the World History curriculum by James Stobaugh. This lecture course employs clear objective and challenging assignments for high school students. They will be given an overview of world history trends, philosophies, and events all while encouraging a Christian worldview. During this extended course, weekly reading and writing assignment will be the homework for this course. The student text is included in the price of the class. Class fees cover the cost of teacher materials, copies, supplies and student text.

Required Materials: None. The student text is included in the cost of the class.

*Note: This is an extended semester course.