

**KEEP THESE PAGES FOR REFERENCE ON COURSE  
SUPPLY NEEDS, CLASS TIMES, COURSE CONTENT  
AND TEACHER CONTACT INFORMATION**

**SENIOR HIGH  
THURSDAY CLASSES  
Course Description  
2010-2011**

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SUPPLY NEEDS, CLASS TIMES, COURSE CONTENT  
AND TEACHER CONTACT INFORMATION**

## ACRYLICS

½ credit

Instructor: Karen Norman  
301-622-3770

Pre-requisites: Basic Drawing class or  
permission of the teacher

Supplies: Purchased by CBA and billed to each family (approximately \$65) *with the exception of a water container, paper towels, a sponge, an old tooth brush, a rag, and a palette knife which each student supplies.*

Course Content: Students will focus on the basic elements of acrylic painting including various painting techniques and elements of design. Assignments are taught and explained in class through lecture, visuals, and demonstrations. Subject matter varies, but usually includes nature, landscapes, still life, and the animal/insect world. Inspiration may also come from illustrating scripture, copying the Masters, and the student's imagination. Students use the remainder of the class time practicing skills just taught. Weekly homework assignments reinforce that week's class work. Students are expected to complete weekly homework assignments outside of class time. This will require work in the sketchbook in addition to "finished" work on either sketchbook paper or canvas. Often this will require 2-4 hours per week outside of class time to complete thoroughly. It is to the student's advantage to call or e-mail the teacher with any questions concerning the homework, as long as it is before Wednesday evening. This is a great class for an intermediate art student.

Parental Involvement: Parents are encouraged to support their students by providing a quiet atmosphere in which to develop their painting skill and by checking assignment completion weekly.

Grading: Grades are based on completed assignments which demonstrate that the student has followed directions and used the tools/techniques as taught.

## BOYS BASKETBALL

½ credit

Instructor: Janez Narat  
301-476-0934

Pre-requisites: 7 - 12 grade boys

Supplies: none

Course Content: This is a methods and techniques class to teach and practice the fundamentals of basketball. The boys will be encouraged to perform to the best of their abilities, while exhibiting good sportsmanship, Christian values, building personal confidence, and developing a joy for athletic participation.

Parental Involvement: Parents should encourage their students to practice the skills that are learned in class and to exercise in some form at least two/three times per week.

Grading: Everyone in the course will start with an "A". This grade can be maintained by active class participation and a student's attitude and demonstration of effort.

*Preference will be given to high school boys if the class size limit is exceeded.*

# AMERICAN LITERATURE

1 credit

Instructor: Karen Rayfield  
410-750-3507  
rayfields4@yahoo.com

Pre-requisites: none

Supplies: *Students should bring a 1" three-ring notebook & a pocket folder, 3 dividers, notebook paper, highlighter and one composition book; students also need access to the internet and printer (using library is okay).* CBA will provide copies of books to be read for the year at an approximate cost of \$45 (billed on the monthly statement).

Course Content: Discussion is the primary way in which students come to understand a particular work of fiction or poetry. As a result, this class will ***require a great deal of verbal participation*** and discussions may sometimes be student-led. Students will be required to participate in both large and small group discussions by sharing observations and asking questions that relate to the assigned readings. They will also answer questions based on their own understanding and interpretation of the reading material. **Participation points will be earned weekly and calculated into the semester grades.** Some reading material involves “controversial issues” such as racism, adultery, and prejudice. All issues will be approached from a Christian viewpoint in an attempt to understand how our beliefs affect our thinking in all areas of life. Periodic tests and quizzes will be administered during class. Students should expect to spend an hour a day on homework for this class.

Required Novels: The Scarlet Letter - Nathaniel Hawthorne; The Great Gatsby - F. Scott Fitzgerald; short stories by Kate Chopin, Mark Twain, and Edgar Allan Poe; a variety of poetry by American authors. *(All reading material is provided by the school.)*

In addition to the materials mentioned above, each student will complete an ***independent study project*** outside of class.

Parental Involvement: Parents are encouraged to oversee their students’ work at home by helping them budget their time throughout the week so there isn’t a rush to complete assignments late Wednesday. It is also helpful if the parent helps the student to review for quizzes and tests.

Grading: Grades will be based on class discussion, tests, quizzes, projects and successful completion of all homework assignments.

# BIOLOGY

1 credit

Instructor: Joanna Lyon  
301-460-0914  
[lyon41@juno.com](mailto:lyon41@juno.com)

Pre-requisites: a Life Science, Anatomy or Physical Science course (not recommended for most freshman)

Supplies: Text can be rented from CBA for \$20 and a lab fee of \$25 will be billed to parent's account. Course uses Exploring Creation With Biology, by Dr. Jay L. Wile & Marilyn F. Durnell **edition one**. *In addition, students will need to bring to class a three-ring binder with four tabbed sections (labeled: Notes, Labs, Homework, Tests), plain white paper for drawing and ruled paper for taking notes. Additional materials will be needed to complete projects and papers.*

Course Content: The purpose of this Biology course is to give a broad overview of the science of life. The course is taught from a Christian perspective. Students will be expected to attend all Thursday classes well prepared, with a positive attitude, and ready to participate in group discussions, labs and dissections. Students will have homework assignments and lab write-ups almost every week. *An insect collection will be due the first class of the second semester.* Students are encouraged to contact the instructor at any time with questions or concerns about any aspect of the course or in the event of illness or family emergency that may require a student to miss a class.

This Biology course is an academic class and will require a commitment of approximately 1½ hours of homework and studying per day. This is a fast paced course, not to be taken lightly, and there is no room for last minute cramming. A class syllabus will be given to each student at the beginning of each semester. The student is responsible for following the syllabus and turning in assignments at the appropriate due dates.

Parental Involvement: Parents are encouraged to oversee their student's work at home by helping them budget their time throughout the week so there isn't a rush to complete assignments late Wednesday. Parents will be required to sign progress reports throughout the year.

Grading: The Biology class is designed to help all students learn how to succeed in a lab science setting. The grading reflects the equal importance of all the aspects of the class. As the students explore the information to be learned each week, they will be graded equally on their completion of study guides from the text (15%), lab participation (15%), and weekly quizzes (38%). Two exams will be given each semester that will represent a culmination of the material covered in the course (22%). Samples brought from home are worth 7% of the final grade, and the parent signed progress reports are worth 3% of the final grade. Incomplete assignments or those not turned in when due automatically drop a student's points each week.

# CHEMISTRY

1 credit

Instructor: Tim Jennings  
410-489-5075  
[whi@mindspring.com](mailto:whi@mindspring.com)

Pre-requisites: 10-12 grade, completed Biology and Algebra II

Supplies: Text can be rented from CBA for \$20 and a lab fee of \$25 will be billed to parent's account. Course uses Exploring Creation With Chemistry, by Dr. Jay L. Wile **edition one**. *In addition, student will need to bring to class two **composition** books to accumulate answers to questions and problems and for lab experimental data and results, and dark blue or black, non-erasable ink pens. Additional materials will be needed to complete labs at home.*

Course Content: Chemistry is the science of deducing and understanding the basic building blocks of everything material in God's universe and how these building blocks react and interact with each other according to God's natural law. Students will gain a basic understanding of matter, atomic structure, chemical bonding, composition, and reaction, as well as the basic gas laws and the laws of thermodynamics and kinetics.

This course consists of both class time and 8 to 10 hours per week of study outside of class. During the class new concepts will be discussed, tests and quizzes will be given, and research projects will be reviewed and discussed. Outside of class, students will be expected to do the assigned reading, perform the experiments, and work on their research projects. The instructor is available by phone or e-mail to answer questions throughout the week and will set times to help students when needed.

Parental Involvement: Parents are asked to encourage students to keep current on the schedule and oversee the work at home.

Grading: Grades are broken into seven parts: final exam is worth 200 points, notebook (showing work, completeness) is worth 200 points, research project paper is worth 100 points, research project presentation is worth 100 points, lab books (completeness & clarity) is worth 100 points, 6 tests are worth 100 points each, and 6 quizzes are worth 25 points each.

# COMPOSITION

1 credit

Instructor: Sharon Abbott  
[sabbott@cedarbrook.org](mailto:sabbott@cedarbrook.org)

Pre-requisites: 11-12 grade/competency in  
language mechanics

Supplies: purchased by CBA and billed to each family - approximate cost is \$20. *In addition, student will need to bring to class a blue pen, paper for note taking and will need to have access to a computer and printer.*

Course Content: *First semester:* The student is assigned a paper each week based on the lecture explaining that particular writing assignment. The following week he/she submits the paper and receives a new assignment. The first half of each class period is devoted to going over the returned papers from the previous week, giving each student an opportunity to ask questions of the instructor one-on-one about mistakes in his/her paper and time for making corrections to the paper. If all the corrections cannot be completed in the first half of the class, the student will be expected to make those corrections at home. It is critical that all mistakes are corrected each week as these papers are collected at the end of the semester and a grade is assigned to the “correction process” and averaged into the semester grade. The second half of each class period is devoted to explaining the new writing assignment for the following week.

*Second semester:* The class will work through the workbook - *Writing a Research Paper* and in the process learn how to write a research paper. Some weeks students will have an assignment in the book as well as working on their individual research papers. Other weeks the assignment will pertain strictly to their paper. Deadlines help the student to stay on track with research and writing. For this project the student will need access to a library; internet access is also very helpful.

Parental Involvement: Parents are encouraged to help their students manage their time so work is being done on the weekly assignment each day. The parent may wish to serve as a proof-reader of the first draft of the paper and advise as to possible improvements. It is also important to look over the papers returned each week to ensure that corrections are being made.

Grading: *First semester:* Each paper receives a grade and the correction of all papers is combined for “folder review” grade. These grades are averaged for a semester grade. Grading is based on both mechanics (spelling counts!) and elements of composition. **NO LATE PAPERS ACCEPTED.**

*Second semester:* The research project is broken into five grades: note cards, bibliography cards, outlines, rough draft and final draft. These grades are averaged for a semester grade.

## **CHOIR**

**½ credit**

**Instructor:** Diane Branham  
410-247-5587 [dgoldenb@juno.com](mailto:dgoldenb@juno.com)

**Pre-requisites:** 7 - 12 grade

**Supplies:** Sheet music is purchased by CBA and billed to the family - approximately \$30.

**Course Content:** The choir will include both male and female voices. Students will sing a variety of music styles in three and four part voices. Some will learn to read vocal music. They will perform twice during the year - at the end of the first and the second semesters.

**Parental Involvement:** Parents will be asked to provide transportation to the performances.

**Grading:** Grades are based on attendance, preparation, warm ups, and participation. (A grade rubric was handed out at orientation and will be given out on the first day of class)

## **DRAWING (BASIC)**

**½ credit**

**Instructor:** Peggy Smith  
301-908-6974  
[psmith@cedarbrookacademy.org](mailto:psmith@cedarbrookacademy.org)

**Pre-requisites:** 7 - 12 grade

**Supplies:** purchased by CBA and billed to each family - approximately \$60

**Course Content:** Each class period students are introduced to the drawing skill or topic of the week. Lessons are taught and explained in class through lecture, visuals, and demonstrations. Students use the remainder of the class time practicing the skills just taught. Weekly homework assignments reinforce that week's class work. Assignments will vary between graphite pencil and colored pencil. Topics include: learning to see, textural techniques, color, negative space, still life, sighting, figure drawing, interiors, portraiture, and nature drawings. Students are expected to complete weekly homework assignments outside of class time. Sometimes this will require 2 or more hours out of their weekly school schedule to complete thoroughly.

**Parental Involvement:** Parents are encouraged to oversee their student at home by helping them budget their drawing time throughout the week so there isn't a rush to complete assignments late Wednesday. Drawing is a skill. As with all skills it takes time and concentrated effort in order to see improvement. Parents can also encourage students by providing a quiet atmosphere in which to draw, and by checking to see if the student has packed his finished homework and supplies each week. It is to the student's advantage to call or e-mail the teacher with any questions concerning the homework ... as long as it is no later than noon on Wednesday.

**Grading:** Grading is based on class participation and completed homework assignments which demonstrate that the student followed directions and used the tools/techniques as taught. Incomplete assignments or those not turned in when due automatically drop a letter grade each week. If necessary, the student may be required to re-do an incorrectly completed assignment.

# **CREATIVE DRAWING (ADVANCED)**

**½ credit**

**Instructor:** Peggy Smith

301-908-6974

[psmith@cedarbrookacademy.org](mailto:psmith@cedarbrookacademy.org)

**Pre-requisites:** 8 - 12 grade; basic drawing or  
permission of the teacher

**Supplies:** purchased by CBA and billed to each family - approximately \$65.

**Course Content:** Each class period students are introduced to the drawing skill or topic of the week. Lessons are taught and explained in class through lecture, visuals, and demonstrations. Students use the remainder of the class time practicing the skills just taught. Weekly homework assignments reinforce that week's class work. Assignments will vary, exploring graphite pencil, watercolor pencil, & pen & ink techniques. Students are expected to keep a daily sketchbook and to complete weekly homework assignments outside of class time. Sometimes this will require 2 to 3 hours out of their weekly school schedule to complete thoroughly.

**Parental Involvement:** Parents are encouraged to support their student at home by helping them budget their drawing time throughout the week so there is not a rush to complete assignments late Wednesday. Drawing is a skill. As with all skills it takes time and concentrated effort in order to see improvement. Parents can also encourage students by providing a quiet atmosphere in which to draw, and by checking to see if the student has packed his finished homework and supplies each week. It is to the student's advantage to call or e-mail the teacher with any questions concerning the homework ... as long as it is no later than noon on Wednesday.

**Grading:** Grading is based on class participation and completed homework assignments which demonstrate that the student followed directions and used the tools/techniques as taught. Incomplete assignments or those not turned in when due automatically drop a letter grade each week. If necessary, the student may be required to re-do an incorrectly completed assignment.

## **IMPROV**

**½ credit**

Instructor: Sharon Abbott  
[sabbott@cedarbrook.org](mailto:sabbott@cedarbrook.org)

Pre-requisites: none

Supplies: none

Course Content: Improv is for the adventuresome and creative actor who is looking for a challenge. The class will strive to create actors who are spontaneous, concentrated, and listening and who have the basic skills of relaxed movement and spontaneous interpretation, playing off the actions and reactions of others. These skills are developed by exercises, games and improvisation performances. Students will develop skills in creating unrehearsed scenes with character, relationship, objective, and environment using words given them at random from the audience and skills in total involvement, movement, concentration, imagination, creativity, physical communication, spontaneity, characterization, and improvisation. There is no homework associated with this course.

Parental Involvement: Parents are encouraged, but not required, to attend an end-of-the-year improv performance.

Grading: Grades are assigned based on attendance, participation and a student's attitude.

## **MAIN STAGE PRODUCTION**

**1 credit**

Instructor: Sharon Abbott  
[sabbott@cedarbrook.org](mailto:sabbott@cedarbrook.org)

Pre-requisites: Audition Only

Supplies: \$80 theater practicum fee

Course Content: Cedar Brook Academy will be performing Twelve Angry Jurors adapted by Sherman Sergal. Auditions are required. (See enclosed flier) Call the CBA office to reserve your time and to receive the monologues to memorize. There is rehearsal time outside of the 9:00 to 11:00 Thursday Class time; if you have not been in a CBA main stage production before please contact Sharon Abbott prior to auditions. Audition results will be posted after June 25<sup>th</sup> on the CBA website. Students are expected to participate in the pizza sale fund raiser in the fall.

**This production is at the Olney Theatre at the end of May.**

Parental Involvement: Parents are encouraged, but not required, to attend the performance.

Grading: Grades are assigned based on attendance, punctuality, performance, and the student's attitude.

# PHYSICAL SCIENCE

1 credit

Instructor: Jennifer Lauer  
301-604-4938  
bandj.ell@verizon.net

Pre-requisites: a general science or anatomy  
(this is an excellent choice for freshmen before  
taking biology)

Supplies: Text can be rented from CBA for \$20 and a lab fee of \$25 will be billed to the parent's account by the academy. Course uses Exploring Creation With Physical Science by Dr. Jay L. Wile **edition one**. *In addition, students will need to bring a 2" 3 ring binder with 6 dividers labeled -class information, student outlines, labs, study guide questions, on your own questions, and project. Additional materials will be needed to complete projects and papers.*

Course Content: The purpose of Physical Science is to give students the opportunity to gain a deeper understanding of the world around us through an introduction to physics and chemistry. Topics include the following: the nature, composition, structure and reactions of matter and motion, and the nature of forces and energy. On Your Own and study guide questions for each assigned module will be done at home and turned in the following Thursday. Each lab team will work together to complete a science fair style project that includes a 5 to 7 minute explanation. Tests will be assigned and proctored at home by each students' parent and turned in. Labs will be performed in class and the write-up must be typed and turned in the following Thursday.

Parental Involvement: Parents are encouraged to oversee their student's work at home by helping them budget their time throughout the week so there isn't a rush to complete assignments late Wednesday. Tests are proctored at home by each student's parent and turned in with a signed sheet for accountability. Parental involvement is a vital part of a students success in this class.

Grading: Grades are computed as follows: quizzes/homework (5%), tests (55%), project (10%), and lab (30%).

# PHYSICS

1 credit

Instructor: Tim Jennings  
410-489-5075  
[whi@mindspring.com](mailto:whi@mindspring.com)

Pre-requisites: 11-12 grades/completed  
Algebra II or Advanced Math & have taken Biology or  
Chemistry

Supplies: Text can be rented from CBA for \$20.00 and a lab fee of \$25. Course uses Exploring Creation With Physics by Dr. Jay L. Wile *edition one*. *In addition, student will need to bring to class two composition books to accumulate answers to questions and problems and for lab experimental data and results, and dark blue or black, non-erasable ink pens. Additional materials will be needed to complete labs at home.*

Course Content: Physics is the science of evaluating God's most fundamental physical laws from which all other sciences and applications can be deduced. Students will gain a basic understanding of various forces and associated motion, and how these forces help scientists predict the outcome of applications in electricity and magnetism, mechanics, and optics.

This course consists of both class time and eight to ten hours per week of study outside of class. During the class new concepts will be discussed, tests and quizzes will be given, and research projects will be reviewed and discussed. Outside of class, students will be expected to do the assigned reading, perform the experiments, and work on their research projects. The instructor is available by phone or e-mail to answer questions throughout the week and will set times to help students when needed.

Parental Involvement: Parents are asked to encourage students to keep current on the schedule.

Grading: Grades are broken into seven parts: final exam is worth 200 points, lab books (showing work, completeness, clarity) is worth 100 points, research project paper is worth 100 points, research project presentation is worth 100 points, 6 tests are worth 100 points each, and 6 quizzes are worth 25 points each, and the notebook is worth 200 points.

## **SPEECH**

**1 credit**

Instructor: Sharon Abbott  
sabbott@cedarbrook.org

Pre-requisites: none

Supplies: Materials will be purchased by CBA and billed to each family - approximately \$10. *Student needs to bring paper and pencil to class and have access at home to a DVD player.*

Course Content: The emphasis in this class is on techniques for clear and effective oral communication both in the writing and delivering of various types of speeches. Students will prepare and deliver several 5-7 minute speeches. Each speech will be recorded on a DVD. The student then takes the DVD home and writes a self-critique to be submitted to the teacher. Students will also do a written critique of each classmate's speech that will be kept in the notebook to be handed in at the end of each semester. Students are expected to attend each class because they will either be delivering a speech or be serving as the audience for their classmates and writing a critique. Missed days will be problematic.

Parental Involvement: Parents are asked to act as an audience for the student to practice the speeches at home; timing the student and giving hints for improvement.

Grading: Students will be graded on speeches, attendance, written self-critiques, and critique notebooks.

## **GIRL'S VOLLEYBALL**

**1/2 credit**

Instructor: Sharla Woo  
301-490-7440

Pre-requisites: 7 - 12 grade girls

Supplies: *Students need their own kneepads.* Uniform will be provided by CBA and billed to each family - approximately \$25. If student is repeating this course they may choose to use last year's uniform or to purchase a new one.

Course Content: This is a methods and techniques class to teach and practice the fundamentals of volleyball. The girls will be encouraged to perform to the best of their abilities, while exhibiting good sportsmanship and Christian values. Prompt attendance is expected.

Parental Involvement: Parents asked to encourage their students to show good sportsmanship and to participate to the best of their abilities.

Grading: Grades are comprised of four parts: participation, preparedness, attitude, and attendance. Everyone starts out with an A at the beginning of each semester; however, points will be deducted for not participating, coming to class late or inappropriately dressed, and improper behavior or attitude.

# WATERCOLOR & WATERCOLOR PRINTMAKING

1/2 credit

Instructor: Karen Norman  
301-622-3770

Pre-requisites: 7 - 12 grade

Supplies: purchased by CBA and billed to each family - approximately \$65. *In addition, students will need to bring a water container, a small sponge, an old toothbrush, rags and paper towels.*

Course Content: Students will focus on the basic elements and design of watercolor painting and mono-printing. Assignments are taught and explained in class through lecture, visuals, and demonstrations. Students use the remainder of the class time practicing the skills taught. Subject matter varies, but includes nature, landscapes, still life, and the animal/insect world. Weekly homework assignments reinforce that week's class work. Students are expected to complete weekly homework assignments outside of class time (1-2 hours/week). It is to the student's advantage to call or e-mail the teacher with any questions concerning the homework, as long as it is before Wednesday evening. *This is a great class for a beginning art student as well as returning students, but basic drawing skills are beneficial for greater success.*

Parental Involvement: Parents are encouraged to support their students by providing a quiet atmosphere in which to develop their painting skill and by checking assignment completion weekly.

Grading: Grades are based on class preparedness and completed assignments which demonstrate that the student has followed directions and used the tools/techniques as taught. Incomplete or late assignments automatically drop a letter grade each week.

# WORLD VIEWS

1 credit

Instructor: Sid Branham  
410-247-5587

Pre-requisites: none

Supplies: The course will use as texts *Thinking Like a Christian* and *Countering Culture* by David Noebel and *How Should We Then Live* and *A Christian Manifesto* by Francis Schaeffer. There will also be a workbook used. CBA will purchase these materials and bill the family - cost is approximately \$60. Students will need access to newspapers or internet and need to bring to class their Bible, a notebook with 5 tabs, and pens.

Course Content: Students will study world views using the ten divisions David Noebel, of *Understanding the Times*, laid out: theology, philosophy, biology, psychology, ethics, sociology, law, politics, economics, and history. They will also focus on the three dominant world views that Christians are likely to confront in the United States: secular humanism, postmodern Marxism, and cosmic humanism, and will learn to apply critical thinking as they develop their own world view. Students should plan on 4-5 hours of work outside the class.

Parental Involvement: Parents are needed to proctor and sign take home quizzes.

Grading: Grades are based on class participation (20%), quizzes/tests (60%), and daily work (20%).

# YEARBOOK

1 credit

Instructor: Diane Branham  
410-247-5587  
[dgoldenb@juno.com](mailto:dgoldenb@juno.com)

Pre-requisites: Application Process  
(Due date was May 7<sup>th</sup> - call office  
with questions.)

Supplies: Purchased by CBA and billed to the family - approximately \$20

Course Content: *A 2-day yearbook workshop will be scheduled in August to begin work on the 2010-2011 yearbook.* This is a full credit course, so students should be prepared to produce much of the work outside of class. Students selected for this class will have the responsibility of producing the high school yearbook, *The Torch*. While planning the pages of the yearbook, students will be instructed in the basic principles of writing, layout, and graphic arts. Students will write feature stories for various sections, photograph CBA events, select photos and write captions for them, and complete spreads for the yearbook. *The Torch* is designed and produced on line in Taylor Publishing's Studio Works. Student are **required** to sell advertising to finance the publication and help with fund-raising to keep the cost of the book affordable. ***All students need to fill out an application for the class and must have access to the internet.***

Parental Involvement: Parents are needed to provide transportation to various CBA events, extra yearbook meetings as needed (including the 2-day workshop and after Thursday Classes are completed), helping with the snack bar, and helping their students sell ads. Parental support will be needed in helping their student(s) with time management and meeting deadlines.

Grading: A grade rubric was handed out at orientation and will be given out on the first day of class.