



MIGHTY OAKS

for the display of His splendor

**Middle School · High School
Course Descriptions
2024/2025**

Table of Contents

MIDDLE SCHOOL CLASSES

Core

7TH GRADE LANGUAGE ARTS	4
7TH GRADE LANGUAGE ARTS BOOKLIST	5
7TH GRADE SCIENCE	6
7TH GRADE SOCIAL STUDIES	7
8TH GRADE LANGUAGE ARTS	8
8TH GRADE LANGUAGE ARTS BOOK LIST	9
8TH GRADE SCIENCE	10
8th GRADE SOCIAL STUDIES	11
AMERICAN SIGN LANGUAGE	12

Electives

ART	13
BIBLICAL WORLDVIEW	14
CHOIR	14
ESSENTIAL LIFE SKILLS	16
SPANISH	17
THEATER	18

HIGH SCHOOL CLASSES

Social Studies

AMERICAN HISTORY	21
GOVERNMENT	22
WORLD GEOGRAPHY	23
WORLD HISTORY	24

Language Arts

LITERATURE, AMERICAN	26
LITERATURE, AMERICAN BOOKLIST	27
LITERATURE, BRITISH	28
LITERATURE, BRITISH BOOKLIST	29
LITERATURE, WORLD	30

LITERATURE, WORLD BOOKLIST	31
PUBLIC SPEAKING	32
WRITING	33
Mathematics	
MATH CHOICES	35
Sciences	
BIOLOGY	37
PHYSICAL SCIENCE	38
PHYSICS	39
Bible	
CONTEMPORARY THEOLOGY II	41
THE LIFE OF CHRIST	42
OLD TESTAMENT SURVEY	43
Electives	
AMERICAN SIGN LANGUAGE I	45
AMERICAN SIGN LANGUAGE II	46
AMERICAN SIGN LANGUAGE III	47
ART	48
CHOIR	49
COLLEGE AND CAREER PLANNING	50
CULINARY ARTS I	51
CURRENT EVENTS	52
ELEMENTS OF DESIGN	53
ENGAGED READING	54
HEALTH AND WELLNESS	55
LOGIC	56
PHOTOGRAPHY	57
PHYSICAL EDUCATION	58
SPANISH I	59
SPANISH II	60
THEATER	61

MIDDLE SCHOOL CLASSES

7TH GRADE LANGUAGE ARTS

7TH GRADERS ONLY

The course will include literature study through reading of books, discussion, and book club days. Writing will also be covered through various writing projects as well as student journaling. Grammar will be reviewed in the editing process but will not be heavily instructed. If grammar is a focus you wish for your student to work on, it is advised that you supplement that at home.

REQUIRED CURRICULUM: See next page

PREREQUISITE: None

INSTRUCTOR: Valerie Wright

FEE: \$10

7TH GRADE LANGUAGE ARTS BOOKLIST

7th Grade Literature Selections: Books with an asterisk are books on the Notgrass suggested book list. The other books are from trusted curriculum sites and book lists in conjunction with several review sites to help check for questionable content/language. Some of the books deal with difficult topics of war, death, etc., but do not have graphic or gorey descriptions. Should you have a concern with a book, please contact MOEC Administration.

REQUIRED BOOKS:

- The Golden Goblet by Eloise McGraw
- The Fables of Aesop edited by Joseph Jacobs
- The Bronze Bow by Elizabeth George Speare
- A Single Shard by Linda Sue Park
- The Lion, the Witch and the Wardrobe by CS Lewis
- The House of Sixty Fathers by Meindert DeJong
- Children of the Storm by Natasha Vins
- A Wrinkle In Time by Madeleine L'Engle

You may want to wait to purchase the following books for Book Club until closer to the time of use as students may change their mind on what they would like to read.

Choose 2 of these for first semester Book Clubs:

- Eric Liddell (Christian Heroes Then and Now) by Janet and Geoff Benge
- Swiss Family Robinson by JD Wyss (can get a version such as Classic Starts or Signet Classics)
- The Door In the Wall by Marguerite de Angeli
- Mrs. Frisby and the Rats of NIMH by Robert C O'Brien

Choose 2 of these for second semester Book Clubs:

- Anne of Green Gables by LM Montgomery (can choose a condensed version)
- Ernest Shackleton (Christian Heroes Then and Now) by Janet and Geoff Benge
- Heart of a Samurai by Margi Preus
- The Miraculous Journey of Edward Tulane by Kate DiCamillo

7TH GRADE SCIENCE

FOR 7TH GRADERS ONLY

In this unique science course students will explore caves, archaeology, fossils, and geology as they discover fascinating facts, incredible wonders, captivating structures, and God's glory on display throughout creation! This study of the Creator's handiwork will fill your student with awe and wonder while helping to cement their Biblical worldview.

REQUIRED CURRICULUM:

- Student Workbook: <https://www.masterbooks.com/general-science-2-teacher-guide-paperback-single>
- The Cave Book: <https://www.masterbooks.com/cave-book-hardback-single>
- The Archeology Book: <https://www.masterbooks.com/archaeology-book-hardback-single>
- The Geology Book: <https://www.masterbooks.com/geology-book-hardback-single>
- The Fossil Book : <https://www.masterbooks.com/fossil-book-hardback-single>

PREREQUISITE: None

INSTRUCTOR: Jay Kler

FEE: \$25

7TH GRADE SOCIAL STUDIES

7TH GRADERS ONLY

Seventh grade history is a world history survey course covering ancient civilizations, Great Empires, the early Church, the Middle Ages, the Renaissance, the Age of Revolutions, the Victorian Era, the 20th century, and modern communications from a Christian perspective. This class will give students the opportunity to learn, grow and utilize note-taking skills.

There will be weekly reading and questions assigned from the daily lessons. Maps will be completed in class on a weekly basis, and Lesson Reviews and Quizzes will be completed each week. Beginning 2nd semester, students will also complete a research presentation at the end of each quarter.

REQUIRED CURRICULUM:

- [From Adam to Us text Part 1](#) (first semester)
- [From Adam to Us text Part 2](#) (second semester)
- [From Adam to Us Student Lesson Review Book](#) (Notgrass) \$11
- [From Adam to Us Map Book](#) (Notgrass) \$10

**Highly recommend book swapping, borrowing or buying used from other MOEC parents for the texts*

REQUIRED SUPPLIES:

- 2-pocket folder with prongs
- Set of at least 12 colored pencils
- Pencil/Pen
- Loose leaf notebook paper
- Set of at least 20 notecards

PREREQUISITE: None

INSTRUCTOR: Julie Kelley

FEE: None

8TH GRADE LANGUAGE ARTS

8TH GRADERS ONLY

The course will include literature study through reading of books, discussion, and book club days. Writing will also be covered through various writing projects as well as student journaling. Grammar will be reviewed in the editing process but will not be heavily instructed. If grammar is a focus you wish for your student to work on, it is advised that you supplement that at home.

REQUIRED CURRICULUM: See next page

PREREQUISITE: None

INSTRUCTOR: Valerie Wright

FEE: \$10

8TH GRADE LANGUAGE ARTS BOOK LIST

8th Grade Literature Selections: The books are from trusted curriculum sites and book lists in conjunction with several review sites to help check for questionable content/language. Some of the books deal with difficult topics of war, death, etc but do not have graphic or gorey descriptions. Should you have a concern with a book, please contact MOEC Administration.

REQUIRED BOOKS:

- Across Five Aprils by Irene Hunt
- The Perilous Road by William O. Steele
- Sing Down the Moon by Scott O'Dell
- Esperanza Rising by Pam Munoz Ryan
- The Witch of Blackbird Pond by Elizabeth George Speare
- Hatchet by Greg Paulsen
- American Tall Tales by Mary Pope Osborne
- Biography of student's choice to be discussed in class

You may want to wait to purchase the books for Book Club until it gets closer to the time to use them as students may change their minds on what they want to read.

Choose two of these for first semester Book Clubs:

- Sign Of the Beaver by Elizabeth George Speare
- Little Women by Louisa May Alcott
- Black Beauty by Anna Sewell
- By the Great Horn Spoon by Sid Fleischman

Choose two of these for second semester Book Clubs:

- My Side of the Mountain by Jean Craighead George
- Justin Morgan Had A Horse by Marguerite Henry
- The Trumpet of the Swan by EB White
- Island of the Blue Dolphins by Scott O'Dell

8TH GRADE SCIENCE

**GENERAL SCIENCE
8TH GRADERS ONLY**

This General Science course gives students an understanding of the world that surrounds them so they can appreciate the real-world relevance of scientific inquiry and the beauty of Creation.

REQUIRED CURRICULUM:

- General Science Textbook, 3rd edition:
<https://www.apologia.com/product/general-science-3rd-edition-student-textbook/>
- General Science Student Notebook:
<https://www.apologia.com/product/general-science-3rd-edition-student-notebook/>
- General Science Test Pages:
<https://www.apologia.com/product/general-science-3rd-edition-test-pages/>
- (OPTIONAL but would replace need for test packet) General Science Test Solutions:
<https://www.apologia.com/product/general-science-3rd-edition-test-pages/>

PREREQUISITE: None

INSTRUCTOR: Amanda House

FEE: \$25

8th GRADE SOCIAL STUDIES

8TH GRADERS ONLY

Eighth grade history is an American history survey course guiding students chronologically through the history of the United States while highlighting key events, people, and places from a Christian perspective. This class will give students the opportunity to learn, grow and utilize note-taking and paragraph summarizing skills.

There will be weekly reading and writing activities assigned from the daily lessons. Students will complete map work in class on a weekly basis. Assessment will be completed quarterly through 2 mini-projects throughout and a research presentation at the end of each quarter. Students will keep a Presidential Biography catalog which will be added to weekly and submitted at the end of each semester.

REQUIRED CURRICULUM:

- [America the Beautiful text Part 1](#) (first semester)
- [America the Beautiful text Part 2](#) (second semester)
- [We the People book supplement](#)
- [America the Beautiful Map Book](#) (Notgrass) \$10

** Highly recommend book swapping, borrowing or buying used from other MOEC parents for the texts/supplement*

REQUIRED SUPPLIES:

- 2-pocket folder with prongs
- Set of at least 12 colored pencils
- Pencil/Pen
- Loose leaf notebook paper
- Set of at least 70 Notecards
- Binder ring for Presidential Bio notecards

PREREQUISITE: None

INSTRUCTOR: Julie Kelley

FEE: None

AMERICAN SIGN LANGUAGE

7th and 8th Grade Elective

This is an introduction to American Sign Language (ASL) for students with little or no previous knowledge of ASL.

7th & 8th grade students will learn basic conversation, vocabulary, fingerspelling, visual receptive and gestural expressive skills, and cultural information related to the deaf community through classroom activities and games.

8th Grade ASL will build upon previous skills learned in the 7th grade class and will follow the same format as the 7th grade class.

Voices Off

Students will participate extensively in interactive classroom activities using the “voices off” policy for two major reasons: learning environment and cultural respect. ASL students are not just learning this language; but also learning the culture. Full immersion helps develop better receptive and expressive skills. Using voice may distract or interfere with other students' learning process. Students must also focus in class by using eyes to “hear”. This is very important!

PREREQUISITE: None

INSTRUCTORS: Jenna Soemer and Melissa Lang

FEE: \$25

ART

**7th and 8th Grade
(separate classes)**

In this class we will explore the basics of the creative process, strengthening our observation skills and idea generation muscles. We will be building our visual literacy, drawing inspiration from art history and the world around us. This class will primarily work in pencil, pen, marker, colored pencil, watercolor, and occasionally acrylic paint as time allows. There will be a weekly sketchbook assignment. The students will be graded on participation. They will need to use their time and materials responsibly in class, complete sketchbook work to be successful in this class. We will spend time in class learning how to evaluate and appreciate each finished project together, but the grade given will reflect effort, willingness to follow directions, and craftsmanship. This class is one day a week.

PREREQUISITE: None

INSTRUCTOR: Jennifer Perdaris

FEE: \$25

BIBLICAL WORLDVIEW

7th and 8th Grade Students

Middle School Worldview uses Walking in Truth Grade 8 by Summit Ministries. The curriculum is divided into two sections. The first section covers worldview topics while the second section covers the Epistles in depth. We will be studying the Epistles the entire year, using the second half of the curriculum only.

Topics covered are Paul's counsel to the churches, superiority of Christ, faith lived out, humility, hope, worship, and sacrifice.

Textbooks are provided for the classroom but it is strongly encouraged for each student to have a copy at home.

TEXTBOOK (not required but strongly recommended):

- <https://store.summit.org/Walking-in-Truth-Grade-8-Student-Textbook>

REQUIRED CURRICULUM for student to purchase:

- <https://store.summit.org/Walking-in-Truth-Grade-8-Student-Workbook>

PREREQUISITE: None

INSTRUCTOR: Jessica Melching

FEE: None

CHOIR

Middle School and High School

1.0 Credit M/W both semesters

Students will develop singing skills and stage presence. Students will be expected to perform outside of school hours.

The choir dress code for performances is to wear nice outfits that are black or black and white. No jeans or athletic wear.

PREREQUISITE: None

INSTRUCTOR: Rachel Warren and Julie Kelley

FEE: \$25

ESSENTIAL LIFE SKILLS

7th and 8th Grade Students

In this class, 7th and 8th graders will learn a variety of essential and practical skills. Topics may include study skills, interpersonal skills, online safety and etiquette, kitchen and cooking skills, first aid and CPR, physical fitness, home maintenance, car maintenance, etc.

PREREQUISITE: None

INSTRUCTOR: Krista Wilson

FEE: \$10

SPANISH

7th and 8th Grade Elective

7th Grade Spanish will give students an opportunity to speak, write, and listen to the Spanish language. This course is very interactive and will give students an excellent foundation for taking Spanish in high school. In addition, students will be introduced to missionaries in Spanish speaking countries and learn some Bible verses in Spanish.

8th Grade Spanish will build upon previous skills learned in the 7th grade class and will follow the same format as the 7th grade class.

PREREQUISITE: None

INSTRUCTOR: Jenny Yust

FEE: \$10

THEATER

7th and 8th Grade

(separate classes, collaborative performances possible)

Students will utilize games and activities to experience and develop stage skills. Students are expected to fully participate in all activities and in performances. There will be one middle school performance during the spring semester (likely February or March).

**** PARENTS MUST VOLUNTEER DURING PERFORMANCES IF NEEDED.**

PREREQUISITE: None

INSTRUCTOR: Natalia Catlett

FEE: \$50

HIGH SCHOOL CLASSES

SOCIAL STUDIES

AMERICAN HISTORY

1.0 Credit **M/W both semesters**

American History covers an overview of American history from Columbus to the present day, presenting US history from a Christian perspective.

Your high school student will gain a rich understanding of our nation's past by reading the history narrative and primary source documents, completing writing assignments and hands-on projects, and studying what the Bible says about issues and ideas in history.

There will be weekly reading and questions assigned.

SUPPLIES REQUIRED:

- Lined notebook paper

REQUIRED CURRICULUM:

- [Exploring America Curriculum Package](#)

PREREQUISITE: None

INSTRUCTOR: Laura Herrman

FEE: \$10

GOVERNMENT

RECOMMENDED FOR 11th–12th GRADES

0.5 Credit W both semesters

Government is a course that is centered in God's Word and equips your student to better understand our country's government and his or her role in it. With our textbook and supplements, we will explore our founding documents and government's history, our current government, and how we, as Christian citizens, can participate in the process.

* Students will be asked to stay informed on this year's elections. Discussion of political parties and candidates can be expected. Students may need to access the internet to find this information.

* This class is built on the expectation the curriculum will be purchased. The instructor guarantees all required components will be utilized.

* Students may read the Notgrass recommended literature on their own to receive honors credit for this class

* Students should expect 1-2 hours of homework a week

REQUIRED CURRICULUM:

- Exploring Government and We Hold These Truths to Be Self Evident (4th Edition)
<https://shop.notgrass.com/shop/egcp-exploring-government-curriculum-packag-e-612?category=17#attr=>

PREREQUISITE: Have completed 9th and 10th grade

INSTRUCTOR: Leslie Schmidt

FEE: None

WORLD GEOGRAPHY

1.0 Credit M/W both semesters

World Geography is a one-year high school course that describes and explains the world God created. Students will learn about mankind's interaction with the world both in the past and in the present. The curriculum addresses two main questions: How has the physical world made a difference in what people have done, how they have lived, and how they live today? How have people made a difference in the physical world, and how are they making a difference in it today?

Your high school student will gain a rich understanding of physical and human geography through reading the narrative lessons, studying the maps and completing map assignments, completing writing assignments and hands-on projects, and gaining a Biblical perspective on world religions and culture.

There will be weekly reading, note taking, and questions assigned.

Expect 2-3 hours of work outside of class per week.

REQUIRED CURRICULUM:

- Exploring World Geography Bundle (Notgrass): \$110
<https://notgrasshistory.com/collections/exploring-world-geography/products/exploring-world-geography-curriculum-package>

Exploring World Geography Student Review Book (Notgrass): \$10
<https://shop.notgrass.com/shop/ewgsrb-exploring-world-geography-student-review-book-638>

PREREQUISITE: None

INSTRUCTOR: Jennifer Perdaris

FEE: None

WORLD HISTORY

1.0 Credit M/W both semesters

World History covers all periods of history--ancient, medieval, and modern--from the perspective of faith in God and respect for His Word. It offers a thorough survey of Western civilization with significant coverage of Latin America, Africa, and Asia.

There will be weekly reading, note taking, and questions assigned.

Expect 2-3 hours of work outside of class per week.

REQUIRED CURRICULUM:

- Exploring World History Bundle (Notgrass): \$110
<https://notgrasshistory.com/collections/exploring-world-history/products/exploring-world-history-curriculum-package>

Exploring World History Student Review Book (Notgrass): \$10
<https://shop.notgrass.com/shop/ewsrp-exploring-world-history-student-review-book-660>

PREREQUISITE: None

INSTRUCTOR: Jennifer Perdaris

FEE: None

LANGUAGE ARTS

LITERATURE, AMERICAN

RECOMMENDED FOR ALL HIGH SCHOOLERS

1.0 Credit M both semesters

Students will read a variety of literature that highlight the American experience. Our reading will include novels, nonfiction, short stories, and poetry. We will reflect on the content of the selections and explore the authors' uses of literary elements. These literature pieces are incredible depictions of lives very different from our own.

This class will have a writing component. It will include formal academic writing, a bit of creative writing, and journals. All will be in response to the literature we read.

Class time will consist of mini-lessons on writing components and discussions on our literature selections including literary elements.

Students should expect up to 3 hours of homework a week outside of class.

* Parents, if you have concerns, please read the books along with your student. If you feel an alternate book would be appropriate for your reader, let me know, and I'll create an alternate assignment.

* This class is built around the expectation students have access to all the reading material assigned. Physical copies are the best, but audio and digital are acceptable. Students must be able to cite from whatever reading format they use.

* Short stories and poetry will be provided by the instructor

REQUIRED CURRICULUM: See next page for booklist

PREREQUISITE: None

INSTRUCTORS: Leslie Schmidt

FEE: \$10

LITERATURE, AMERICAN BOOKLIST

FIRST QUARTER:

- Narrative of Fredrick Douglass by Fredrick Douglass
- The Story of My Life by Helen Keller
- Up from Slavery by Booker T Washington

SECOND QUARTER:

- The Old Man and the Sea by Ernest Hemingway
- The Outsiders by SE Hinton

THIRD QUARTER:

- To Kill a Mockingbird by Harper Lee
- The Adventures of Huckleberry Finn By Mark Twain

FOURTH QUARTER:

- Fahrenheit 451 by Ray Bradbury
- The Giver by Lois Lowry

LITERATURE, BRITISH

RECOMMENDED FOR ALL HIGH SCHOOL

1.0 Credit M both semesters

Students will read a variety of biographies and historical novels that highlight the British experience. Our reading will include novels, short stories, and poetry. We will reflect on the content of the selections and explore the authors' uses of literary elements. These literature pieces are incredible depictions of lives very different from our own.

This class will have a writing component. It will include formal academic writing, a bit of creative writing, and journals. All will be in response to the literature we read.

Class time will consist of mini-lessons on writing components and discussions on our literature selections including literary elements.

Students should expect up to 3 hours of homework a week outside of class.

* Parents, if you have concerns, please read the books along with your student. If you feel an alternate book would be appropriate for your reader, let me know, and I'll create an alternate assignment.

* This class is built around the expectation students have access to all the reading material assigned. Physical copies are the best, but audio and digital are acceptable. Students must be able to cite from whatever reading format they use.

* Short stories and poetry will be provided by the instructor

REQUIRED CURRICULUM: See next page for booklist

PREREQUISITE: None

INSTRUCTORS: Leslie Schmidt

FEE: \$10

LITERATURE, BRITISH BOOKLIST

FIRST QUARTER:

- The Screwtape Letters by CS Lewis
- The Hound of Baskervilles by Arthur Conan Doyle

SECOND QUARTER:

- Jane Eyre by Charlotte Bronte
- A Christmas Carol by Charles Dickens

THIRD QUARTER:

- Animal Farm by George Orwell
- Lord of the Flies by William Golding

FOURTH QUARTER:

- Frankenstein by Mary Shelley (I recommend the Illustrated Classics version)
- War of the Worlds by HG Wells

LITERATURE, WORLD

RECOMMENDED FOR ALL HIGH SCHOOL

1.0 Credit M both semesters

Students will learn about mankind's interaction with the world both in the past and in the present. The books will explore different time periods and places around the world and will include action-adventure, non-fiction, poetry, and short stories. We will reflect on the content of the selections and explore the authors' uses of literary elements. These literature pieces are incredible depictions of lives very different from our own.

This class will have a writing component. It will include formal academic writing, a bit of creative writing, and journals. All will be in response to the literature we read.

Class time will consist of mini-lessons on writing components and discussions on our literature selections.

Students should expect up to 3 hours of homework a week outside of class.

* Parents, if you have concerns, please read the books along with your student. If you feel an alternate book would be appropriate for your reader, let me know, and I'll create an alternate assignment.

* This class is built around the expectation students have access to all the reading material assigned. Physical copies are the best, but audio and digital are acceptable. Students must be able to cite from whatever reading format they use.

* Short stories and poetry will be provided by the instructor

REQUIRED CURRICULUM: See next page for booklist

PREREQUISITE: None

INSTRUCTORS: Leslie Schmidt

FEE: \$10

LITERATURE, WORLD BOOKLIST

FIRST QUARTER:

- The Hiding Place by Corrie Ten Boom
- The Day the World Stopped Turning by Michael Morpurgo

SECOND QUARTER:

- Boys Without Names by Kashmiri Sheth
- Lost in the Barrens by Farley Mowat

THIRD QUARTER:

- Cry, the Beloved Country by Alan Paton
- The Strange Case of Dr Jekyll and Mr Hyde by Robert Louis Stevenson
(I recommend the Illustrated Classics version)

FOURTH QUARTER:

- Revolution Is Not a Dinner Party by Ying Chang Compestine
- A Long Walk to Water by Linda Sue Park

PUBLIC SPEAKING

FOR 10th–12th GRADES ONLY

.5 Credit W both semesters

The ability to communicate effectively with others is essential in not only almost every career field, but in human relationships in general. Learning good speaking skills will allow students the confidence needed to relate to and communicate with their coworkers, their peers, and others in their communities/churches as they grow closer to adulthood. This course will teach students how to apply healthy and effective communication principles and practices to speaking before audiences, in small groups, and in conversations with others with both verbal and nonverbal skills. Students will learn how to write and present engaging speeches of various lengths and on various topics throughout the course.

PREREQUISITE: None

INSTRUCTOR: Jay Kler

FEE: TBD

WRITING

1.0 Credit M/W all year

Writing invites students into a year of observation, analysis and practice of the written word. Students will write in various genres, including poetry, narrative, argument, and informational. Students will also read a vast array of mentor texts to gain skill in noticing and mimicking the craft moves of professional writers. Because readers are the strongest writers, this class will also emphasize reading.

REQUIRED CURRICULUM:

A composition notebook (often referred to as a writer's notebook) of at least 100 pages.

PREREQUISITE: None

INSTRUCTOR: Jai Tracy

FEE: \$10

MATH

MATH CHOICES

Mighty Oaks uses the **CTC Math** system. It is an online, subscription-based math program for kindergarten through high school created and taught by Australian math teacher Patrick Murray. Every student will receive a login and password to access their classes. Teachers will assign daily tasks and use class time to reinforce the video concepts.

Students can choose from the following:

FUNDAMENTALS OF MATH

- Recommended for 7th graders who would benefit from a year-long review of math concepts

PRE-ALGEBRA

- Recommended for 7th graders and 8th graders who completed Fundamentals of Math

ALGEBRA I (Damon Duehring)

- Recommended for students who are ready for equations and upper math concepts

GEOMETRY (Julie Larsen)

- Recommended for students who completed Algebra I

ALGEBRA II (Julie Larsen)

- Students must complete Algebra I before enrolling in this class

FEE: \$35

- Note: Families are welcome to pay the fee for other children not enrolled in the class at MOEC to access the curriculum at home

SCIENCE

BIOLOGY

RECOMMENDED FOR 10TH GRADERS

1.0 Credit M/W both semesters

This college-prep biology course provides students with a thorough understanding of the relevance of scientific inquiry. After completing this course, students will be able to understand the vocabulary of biology and gain a strong understanding of the scientific method that will equip them to analyze data across other disciplines.

Modules cover atoms, chemical structures, ecosystems, biomes, ecological communities, cell structure and function, cellular energy, DNA, proteins, cell cycles, and genetics (including inheritance, disorders, and technology). Students will also learn about prokaryotes, viruses, protists, fungi, and the fascinating worlds of plants and animals.

REQUIRED CURRICULUM:

- Apologia Biology Textbook 3rd edition
<https://www.apologia.com/product/biology-3rd-edition-student-textbook/>
- Apologia Biology Test Packet 3rd edition
<https://www.apologia.com/product/biology-3rd-edition-test-pages/>
- Apologia Biology Solutions Manual 3rd edition (optional)
<https://www.apologia.com/product/biology-3rd-edition-solutions-and-tests-manual/>

PREREQUISITE: None, though it is recommended to have completed the Physical Science course.

INSTRUCTOR: Cathy Barfield

FEE: \$25

PHYSICAL SCIENCE

RECOMMENDED FOR 9TH GRADERS

1.0 Credit M/W both semesters

The text discusses atomic structure, periodic table, chemical bonds, reactions and energy, motion, forces, energy, waves and sound, light, electricity and magnetism, and Earth's structure, weathering, and atmosphere.

REQUIRED CURRICULUM:

- Apologia Physical Science textbook 2nd edition

The class will be using the **2nd edition** of this textbook, not the most recent version. Mighty Oaks has textbooks that can be borrowed for the school year. There will be a \$20 deposit required. When the book is returned in good condition, your deposit will be returned to you.

PREREQUISITE: It is recommended that students have completed or be currently enrolled in Algebra 1.

INSTRUCTOR: Cathy Barfield

FEE: \$25 + \$20 book deposit*

*deposit is refunded at the end of the year if the book is returned in good condition

PHYSICS

RECOMMENDED FOR 10TH-12TH GRADES

1.0 Credit M/W both semesters

Apologia's award-winning Physics curriculum is written to your student in a conversational tone and cultivates independent learning. This course is designed to provide them with a foundational understanding of physics while also preparing them for college-level physics and the ACT. Some of the key concepts they will learn about in this course are one and two-dimensional motion, Newton's laws and their applications in nature, work and energy, electricity, magnetism, momentum, periodic motion, waves, and optics.

REQUIRED CURRICULUM:

- Exploring Creation with Physics, 2nd Edition – Print
<https://www.apologia.com/shop/physics-2nd-edition-student-textbook-2/>
- OR**
- Exploring Creation with Physics, 2nd Edition – Ebook
<https://books.apple.com/us/book/id1393024033>
<https://www.amazon.com/dp/B07DGJY3T8>

* Note: If you purchase a used print edition it **MUST** be 2nd Edition.

PREREQUISITE: Algebra I

INSTRUCTOR: Damon Duehring

FEE: \$25

BIBLE

CONTEMPORARY THEOLOGY II

HIGH SCHOOL STUDENTS: RECOMMENDED FOR 10TH-12TH GRADES

0.5 Credit W all year

Does the Bible have authority in a world committed to relative truth?

The understanding of absolute, objective truth has been largely lost. Spend just a few minutes discussing politics or religion and you'll hear responses like, "There is no truth!" or "That may be true for you, but not for me." Understanding the Faith dares to wade into the middle of the controversy with chapters such as:

- Is God Christian?
- Isn't Claiming Truth Intolerant?
- Is the Bible Anti-Science?

REQUIRED CURRICULUM:

- Understanding the Faith by Summit Ministries
- <https://store.summit.org/Understanding-the-Faith>

PREREQUISITE: None

INSTRUCTOR:

FEE: None

THE LIFE OF CHRIST

HIGH SCHOOL STUDENTS

0.5 Credit W all year

Students will journey through the Gospel of John and develop not only a deeper knowledge of Christ, but also a deeper relationship with Him. The Life of Christ examines the ministry and work of God's Son within Israel's historical and geographical context.

REQUIRED CURRICULUM:

- The Life of Christ: Student Manual, Revised 5th Edition, print or digital format
- <https://www.positiveaction.org/store/group/life-of-christ#overview>
- If you find the Student Manual used, it **MUST** be the Revised 5th Edition

PREREQUISITE: None

INSTRUCTOR: Tyler Brush

FEE: None

OLD TESTAMENT SURVEY

HIGH SCHOOL STUDENTS

0.5 Credit W all year

This Old Testament curriculum moves beyond multiple stories about God's love and collates them into one compelling story of God's kingdom being established on earth. Students are similarly challenged to move beyond merely knowing about God's kingdom to participating in God's kingdom. Topics included in this study are The Pentateuch, Israel's History, Writings of Ancient Israel, History of the Fall and Exile of Israel, and the Prophets.

REQUIRED CURRICULUM:

- God's Unfolding Kingdom by Christian Schools International
- Print:
<https://store.csionline.org/product/gods-unfolding-kingdom-old-testament-textbook-grades-9-12/>
- Digital:
<https://www.vitalsource.com/products/god-39-s-unfolding-kingdom-christian-schools-v9781935876427>
- If you purchase either new or used from another retailer please ensure you get ISBN-13 9781935876014 or ISBN-10 1935876015

PREREQUISITE: None

INSTRUCTOR: Tyler Brush

FEE: None

ELECTIVES

***Note: The following electives are for High School Students only unless specified**

AMERICAN SIGN LANGUAGE I

1.0 Credit **M/W both semesters**

ASL 1 is an introduction to American Sign Language (ASL). Regardless of grade or previous ASL experience, all high school students will begin at this level.

ASL 1 is an important foundational class where students will learn basic conversation, basic grammar, vocabulary, fingerspelling, and expression and receptive skills through classroom activities and games to apply what they've learned! Students will learn about Deaf Culture and Deaf History.

Voices Off

Students will participate in classroom activities using the "voices off" policy for two reasons: learning environment and cultural respect. ASL students are not just learning the language; but also learning the culture. Full immersion helps develop better receptive and expressive skills. Using voice may distract or interfere with other students' learning process. Students must also focus in class by using eyes to "hear". This is very important!

Assessment

We will periodically evaluate students' Expressive and Comprehension Skills through quizzes, written tests, and self-assessments. To take the next level ASL class a teacher must approve that enrollment.

PREREQUISITE: None

INSTRUCTORS: Jenna Soemer, Melissa Lang

FEE: \$50

AMERICAN SIGN LANGUAGE II

1.0 Credit **M/W both semesters**

ASL 2 is a continuation of American Sign Language 1 and emphasizes the continuing development and reinforcement of expressive signing skills, receptive signing skills, and knowledge of Deaf culture. ASL 1 is a prerequisite for this class. A teacher must approve of enrollment.

Student Responsibilities

Required to do ASL presentations in class, academic research, and record themselves for some assignments or small projects. Must attend one deaf event to interact with the deaf community and demonstrate skills learned

Voices Off

Students will participate in interactive classroom activities using the “voices off” policy for two major reasons: learning environment and cultural respect. ASL students are not just learning this language; but also learning the culture. Full immersion helps develop better receptive and expressive skills. Using voice may distract or interfere with other students' learning process. Students must also focus in class by using eyes to “hear”. This is very important!

Assessment

We will periodically evaluate students' Expressive and Comprehension Skills through quizzes, written tests, student performance tests, and semester & year-end Exit Exam. At the end of the year, the student must have a passing grade of “C” to take the next level ASL class and a teacher must approve that enrollment.

PREREQUISITE: ASL 1 plus teacher approval

INSTRUCTORS: Jenna Soemer, Melissa Lang

FEE: \$50

AMERICAN SIGN LANGUAGE III

1.0 Credit **M/W both semesters**

ASL 3 is an advanced level for students who have demonstrated exceptional ability and interest in the study of ASL and who seek more challenging linguistic exploration into the language. ASL 2 is a prerequisite for this class. A teacher must approve of enrollment.

Students will learn creative usage of ASL in the form of poetry, hymn, storytelling, Bible story, and Bible verses as introduced by teachers and other signers via videos.

Deaf Cultural topics are included in each quarter to expand cultural perspectives and understanding. Students will participate in interactive classroom activities using the "Voice Off" policy to ensure ASL immersion.

Student Responsibilities

- Required to do ASL presentations in class, academic research, and record themselves for some assignments or small projects.
- Must attend two deaf events to interact with the deaf community and demonstrate skills learned

Assessment

We will periodically evaluate students' Expressive and Comprehension Skills through quizzes, written tests, student performance tests, and semester & year-end Exit Exam.

PREREQUISITE: ASL 2 and a teacher must approve enrollment

INSTRUCTORS: Jenna Soemer, Melissa Lang

FEE: \$50

ART

1.0 Credit M 2-hour block both semesters

In this class we will explore the basics of the creative process, strengthening our observation skills and idea generation muscles. We will be building our visual literacy, drawing inspiration from art history and the world around us. This class will primarily work in pencil, pen, marker, colored pencil, pastel, watercolor, and acrylic. There will be a weekly sketchbook assignment. The students will be graded on participation. They will need to use their time and materials responsibly in class, and complete sketchbook work to be successful in this class. We will spend time in class learning how to evaluate and appreciate each finished project together, but the grade given will reflect effort, willingness to follow directions, and craftsmanship.

Projects will be adjusted and leveled up for high school students repeating this class.

PREREQUISITE: None

INSTRUCTOR: Jennifer Perdaris

FEE: \$50

CHOIR

Middle School and High School

1.0 Credit M/W both semesters

Students will develop singing skills and stage presence. Students will be expected to perform outside of school hours.

The choir dress code for performances is to wear nice outfits that are black or black and white. No jeans or athletic wear.

PREREQUISITE: None

INSTRUCTOR: Rachel Warren and Julie Kelley

FEE: \$25

COLLEGE AND CAREER PLANNING

Recommended for 11th/12th graders or a motivated 10th grader considering graduating early.

0.5 Credit M both semesters

Students will spend time exploring options for what they will do after high school graduation. Possible topics include choosing a college, enrollment and scholarship applications, career exploration, skill/aptitude assessments, resumes, interview skills, etc. Lessons will also include practical skills like purchasing insurance, tagging a vehicle, filing taxes, etc..

CURRICULUM: None required

PREREQUISITE: None

INSTRUCTOR: Jay Kler

FEE: \$10

CULINARY ARTS I

0.5 Credit **M both semesters**

In this class, students will have a chance to deep-dive into meal and snack planning and preparation. We will work on knife skills, choosing proper kitchen equipment, decoding the differences in products and finding substitute ingredients when we don't have exactly what we need. The main goal of the course is to help students feel comfortable and confident making their own food. Each student will build a recipe collection of kitchen basics and easy and economical meal options.

* Suggested optional recipe book selections will be provided in the fall.

SUPPLIES REQUIRED:

- 2" binder with 5-7 dividers
- 50 plastic page covers

PREREQUISITE: None

INSTRUCTOR: Krista Wilson

FEE: \$25

CURRENT EVENTS

0.5 Credit **M both semesters**

This course focuses on current issues that affect students' lives. Students will examine, discuss, understand, and appreciate the major issues of the moment. We will use online-based resources to discuss local, state, national, and world news. Grading will be based on class participation as well bringing in the required current event information and/or student response assigned for that week.

CURRICULUM: none required

PREREQUISITE: None

INSTRUCTOR: Jai Tracy

FEE: \$15 to cover the cost of the World Watch Magazine

ELEMENTS OF DESIGN

1.0 Credit **M/W both semesters**

This course will be an introduction to the foundational concepts of design. We will learn about the basic elements of design. In addition students will study the principles of design, which guide the organization and arrangement of visual elements in a composition. Special attention will be given to typography and color theory. Through discussion, creative exercises, and hands-on activities, we will experiment with these elements and principles to express ideas, communicate visually, and solve design challenges.

This course will focus on using traditional methods (pencil, pen, marker) and computers will not be used in class. Most of the sketchbook work will be done in class. Homework will only be assigned occasionally or if class is missed.

We will learn how to evaluate and appreciate each finished project together. The students will be graded on in class participation and project completion. The grade given will reflect effort, timeliness, willingness to follow directions, and craftsmanship.

PREREQUISITE: None

INSTRUCTOR: Jennifer Perdaris

FEE: TBD

ENGAGED READING

0.5 Credit **W both semesters**

Engaged Reading is designed to grow lifelong readers. Geared toward both avid and reluctant readers, this class seeks to help students find their identities as readers, increase their reading stamina, deepen their understanding of complex texts, and grow their discussion skills related to the texts they have read. Readers will choose the books they study through a mix of independent and small-group reading.

CURRICULUM: None required

PREREQUISITE: None

INSTRUCTOR: Jai Tracy

FEE: None

HEALTH AND WELLNESS

1.0 Credit W both semesters

In this class, students will be guided through 4 units of physical health activities alongside a text students will study at home and submit written work. The class will earn students one elective credit (could be the health credit needed for high school transcript).

The 4 units will include body weight workouts (teaching proper form), free weight lifting (not maxing just high reps), mobility work (for healthy long-term), and a running unit in 4th quarter when we will prepare for a 5K as an end-of-the-year accomplishment.

Students will be graded on participation and improvement over the course of the year. Measured by individual growth.

CURRICULUM:

- Christian Paths to Health and Wellness by Peter Walters, John Byl 3rd Edition
ISBN 1492567752

** This is a newer edition than what we have used in the past. You will most likely want to find a used copy as new is considerably more expensive.*

PREREQUISITE: None

INSTRUCTOR: Natalia Catlett

FEE: None

LOGIC

0.5 Credit W both semesters

Students will learn to think rightly and draw reasonable conclusions from information given. Topics will include the Biblical basis for logic, how faith and logic co-exist, how logic relates to our worldview, logical fallacies, etc..

CURRICULUM: Introduction To Logic. The textbook and teacher guide are both required. The teacher guide contains the worksheets.

<https://www.masterbooks.com/catalog/product/view/id/4247>

PREREQUISITE: None

INSTRUCTOR: Tyler Brush

FEE: None

PHOTOGRAPHY

.5 Credit W both semesters

This introduction to photography class will cover the basics of camera operation, simple rules to help you achieve a better composition in your photos, and the importance of light in photography. Lessons will also cover how shutter speed and aperture work together to get a perfect exposure. Students will not be required to have a specific camera for this class, but it is highly recommended that they have a basic DSLR camera to use to get the most out of this class. The instructor has resources to find deals on used/starter cameras that can be shared with families if needed. Do not let a lack of a camera keep you from enrolling in this class.

PREREQUISITE: None

INSTRUCTOR: Amanda House

FEE: \$10

PHYSICAL EDUCATION

1.0 Credit **M both semesters**

In this class, students will be guided through 4 units of physical health activities similar to the Health and Wellness class with the addition of some group games. The class will earn students one elective credit.

Students will complete a workout in every class and play a large group game then finish with a cool down exercise. For 4th quarter, students will prepare to run a 5K with the health class as an end-of-the-year accomplishment.

Students will be graded on participation and improvement over the course of the year. Measured by individual growth.

PREREQUISITE: None

INSTRUCTOR: Natalia Catlett

FEE: None

SPANISH I

1.0 Credit M/W both semesters

Students will learn greetings, verb conjugations, basic vocabulary, pronunciation, and grammatical structures and get a glimpse of the Spanish-speaking world.

SUPPLIES REQUIRED:

- Lined notebook paper

CURRICULUM: BJU Spanish I, 2nd edition

We are using the older edition. Mighty Oaks has books to loan to students for the year with a \$10 book deposit.

PREREQUISITE: None, though some prior exposure to the Spanish language would be beneficial

INSTRUCTOR: Laura Herrman

FEE: \$10 fee + \$10 book deposit*

*deposit is refunded at the end of the year if the book is returned in good condition

SPANISH II

1.0 Credit M/W both semesters

Students will learn to communicate comfortably at an intermediate level with Spanish-speaking people in a variety of settings. Grammar, pronunciation, writing, listening, verb tenses, and moods are emphasized in a variety of exercises and Spanish dialogues.

CURRICULUM: TBD

PREREQUISITE: Passing grade in completing Spanish I

INSTRUCTOR: Laura Herrman

FEE: TBD

*deposit is refunded at the end of the year if the book is returned in good condition

THEATER

1.0 Credit M/W both semesters

Students will develop stage presence and backstage skills. Students are expected to fully participate in class activities, after school practices, fall semester performance, and spring performance.

**** PARENTS MUST VOLUNTEER DURING AFTER SCHOOL PRACTICES AND PERFORMANCES.**

PREREQUISITE: None

INSTRUCTOR: Natalia Catlett

FEE: \$50