

Celtic Dance: Coming soon!

Preschool ABC:

Preschool ABC and Preschool 123 will include phonics and other reading readiness activities, plus quality stories chosen to help children develop an appreciation for good books. However, the emphasis in Preschool ABC is on preparing children to read. Weekly class themes will include related activities and concepts from the Bible, Language Arts (phonics, vocabulary words), Science and Health, History and Geography, and Math. There will also be related finger plays, arts and crafts, PE skills, songs, dramatic play, and games included. Learning through educational creative play (learning by doing) is a natural and fun way to instill the love of learning in children. **Class fee-** \$28/mo. **Supply fee-** \$12/semester

Preschool 123:

This class will provide children with interesting, challenging, and fun activities using everyday themes. The many hands-on activities will help children develop fine and large motor skills while introducing them to the "wonders of the world" around them. Cuisenaire rods, pattern blocks, number boards, puzzles, and games will give children a foundational understanding of math and logic. Although both preschool classes will include activities from the Bible, and all of the basic academic subjects (History and Geography, Science and Health, Language Arts, etc.), Preschool 123 will cover more math. It is recommended that children attend both preschool classes. **Class fee-** \$28/mo. **Supply fee-** \$12/semester

All Aboard with Thomas:

Let your little ones (3 to 5 years old) play while learning during this 55 minute fun-filled class. Your children will interact during story time while learning reading skills such as making predictions, describing characters and settings, recognizing conflicts/solutions, acquire listening skills, and so much more. Your children will also begin to identify keywords as well. These are the core foundations to learning to read. Learning by playing will incorporate a host of skills such as recognizing colors, shapes, sizes, numbers, and letters. This will be achieved by playing interactive games such as sorting things, finding things, and hopping on things. Children will also construct wooden train tracks together for Thomas and his friends using problem solving skills, communication skills, and creativity. Learning is FUN! Come play and learn with Thomas and Friends (And More). **Class fee-** \$25/mo. **Supply fee-** \$20/semester

Magic School Bus Science:

This interactive science class is designed to take kids on their own "magic school bus" science adventures right in our own classroom. Kids will be participating together in very hands on science labs and experiments as we explore and learn about a variety of

science units including: journeying into the human body, exploring the wonders of nature, blasting off with erupting volcanoes, secrets of space, the world of germs, magnificent magnets, diving into slime/gel/goop, jumping into electricity, soaring into flight, the mystery of rainbows, growing crazy crystals, learning about the environment, solar energy rescue, and more! Each student will be provided with their very own science lab coat and safety goggles to wear for each class as we step into the world of exciting science and learn from God's amazing design! These science kits present experiments and activities for your child in a format resembling that of the TV. series "The Magic School Bus" while learning from a Christ centered perspective. **Class fee-** \$28/mo. **Supply fee-** \$30/semester

Engineering is Everywhere:

Students will learn how engineering affects their everyday lives. They will conduct experiments, participate in learning activities, and create amazing inventions! Class will culminate in a mini-Maker Fair. **Class fee-** \$35/mo. **Supply fee-** \$20/semester

Old School Fun & Games:

"Learning is everywhere and all the time" (my homeschooling motto) and playing games is an excellent way to enjoy learning and develop your brain! Through games, students can learn a variety of important skills, including, but not limited to, critical thinking skills, creativity, teamwork, and good sportsmanship. In this class we will be playing games that people think of as "recreational fun" but we will look at all the actual strategy involved for better outcomes. We will also be playing various "obviously" educational games -- because they can be a lot of fun too! For each game there will be a "teaching time", discussion of strategy, and time to practice and learn. During every class time, there will be games occurring at more than one skill level and/or category and students will be teamed up to ensure they are adequately challenged to maximize fun and learning. Just a few of the many games included in this class are chess, dominoes, Yahtzee, Rack-o, various forms of solitaire, Uno, backgammon, and Scattergories. **Class fee-** \$20/mo. **Supply fee-** \$20/semester

Galloping the Globe: Coming soon!

Magic Tree House US History:

This course will investigate early U.S. history through the Magic Tree House Series books. This fall, I am excited to teach K-4 early US history using the Magic Tree House series at Lighthouse! We will be covering history up to the early 1800's which will include politicians, inventors and explorers. We will spend approximately one month per book exploring the events, people and places associated with that period in our history. The students will create maps, a lapbook and other small projects to chronicle their journey with Jack and Annie. At the end of each book each student will be asked to **complete a small project to share in class** on the last Tuesday of that topic/book. Students will need to provide their own copy of the Magic Treehouse book we read

each month. The Pinellas County Library Cooperative has dozens of copies for each book in the series. **Class fee-** \$20/mo. **Supply fee-** \$15/semester

Music with Mar:

Whereas some music classes focus on teaching to the little musician, Music with Mar. classes teach to the whole child using music. A good music foundation for later on as well as an all-around good academic foundation is laid out through the use of well thought out lyrics and movements. Songs and activities are designed by Maryann “Mar,” Harman to help children meet academic standards. Each week focuses on a particular subject such as language arts, math, social studies, safety/health, etc. **Class fee-** \$35/mo. **Supply fee-** \$10/semester

Arts – N - Crafts:

Hands on activities involving a variety of small projects using a variety of different materials. All project are designed to the general skills of the specific class enrollment. **Class fee-** \$16/mo. **Supply fee-** \$40/semester

All Things Star Wars:

Calling ALL “Star Wars” fans. Whether you've been a fan forever or became one today, this class is for you. Come join us as we learn the Jedi Code, how to defeat evil (with the Power of the Word of God), play games that test your strength and challenge your strategizing abilities, duel with light sabers, and much more. The “Force” was strong with this class last year, and you don’t want to miss it!! **Class fee-** \$25/mo. **Supply fee-** \$20/year

Exploring Creation with Human Anatomy & Physiology:

Apologia’s Exploring Creation with Human Anatomy and Physiology is an elementary level Anatomy and Physiology book that gives glory to God as students discover all that goes on in their bodies! From the brain in our head to the nails on our toes, students will encounter fascinating facts, engaging activities, intriguing experiments, and loads of fun as we learn about the human body and how to keep it working well. Beginning with a brief history of medicine and a peek into cells and DNA, we will voyage through 14 lessons covering many subjects, such as the body systems, skeletal, muscular, respiratory, digestive, cardiovascular, nervous and more! We will study nutrition and health, how God designed their immune system to protect them, along with embryology and what makes them a unique creation of God. Please note that as this class is geared for upper elementary age, the reproductive system will not be part of the curriculum. **EXPECTATIONS:** Students will have fun learning! Students will participate in hands on activities and experiments to reinforce each lesson. Each student will work in their own notebooking journal to create a reminder of all they are learning about as well as build “Personal Person” that illustrates the body systems they have learned. Students will

have homework reading assignments to prepare for the next class and assignments in their note booking journal. **Class fee-** \$28/mo. **Supply fee-** \$20/semester

Athletics K-3:

Sports can be played in a Godly way! In this class you will learn how to play many different sports, understanding basic rules, stretches, skills, and game plans. Each student will learn how to show good sportsmanship, how to handle losing, how to work together, and how to treat winning. This class will also highlight professional athletes that have played the sport with a Godly perspective. Sports include: Archery, Baseball/Softball/Whiffleball, Soccer, Street Hockey, Volleyball/Nukem, Basketball, Tennis, Golf, Flag-Football, 4 Square, Track & Field, Backyard Games, Dodgeball, Connect 4, Team Building Exercises. Ice water will be provided. **Class fee-** \$18.75/mo. **Supply fee-** \$0/semester

Worship Dance:

In Worship Dance class, we will be learning about/discussing God's love for us, worship, why we worship God, praise & dance. This year, we will also be focusing on important elements that will help us prepare for a potential future in dance ministry. Class will begin with prayer & a Bible/Scripture focus. We will then move on to a warm up including barre work or floor barre & movements to practice "across the floor." After a few weeks, we will begin learning choreography in preparation for our dance presentation at the end of each semester. Girls should wear jazz pants, ballet shoes & a leotard under a T-shirt. Boys should wear jazz or sweat pants, black ballet or jazz shoes & a T-shirt. Specific dance attire for end of semester presentations will be determined after song choice has been confirmed. **Class fee-** \$25/mo. **Supply fee-** \$40/semester

Elementary Madness:

The best of mad science experiments and math boot camp together in one exciting class. Science experiments and math games/activities to introduce or reinforce skills in a fun, hands on way. On occasion, some hands on activities may be edible. Please advise me of any allergies. All experiments, games and activities are designed to be beneficial to the general skill levels of the specific class enrollment. **Class fee-** \$20/mo. **Supply fee-** \$35/semester

Mind Your Manners (K-6):

Students will learn the following: Sportsmanship, Conduct, Common Courtesies & How to Say it Best, Greeting & Introductions, Friendship & Communication Etiquette, Thank You Notes & Gratitude, Table Manners & Dining Etiquette. At the conclusion of each semester we will host an "Etiquette Graduation" where each student will receive an "Etiquette" diploma along with a small presentation where parents can attend and witness what their child has learned in etiquette school. **Class fee-** \$22/mo. **Supply fee-** \$22/semester

Praise Band:

This class will prepare musicians for their future position as a member of a worship team. We will be learning and growing together to fully equip ourselves for some of the challenges that comes from playing as a worship band. We will learn the beauty and blessing of playing for our God with our voice, hands and feet. For the Band Class, you will need: a guitar, amp if your guitar is electric, strap, picks, (optional)-music stand, or the instrument that you will be playing unless we have the instrument at school for use. Parents will need to buy a 3 ring binder with page protectors and A-Z alphabetical tabs. **Please note:** When a student registers for Praise Band, they will have a short audition to test their musical ability. They will then be placed in the appropriate group for their level. **Class fee-** \$30/mo. **Supply fee-** \$12/semester

Stop-motion Animation:

Learn how to shoot and animate your own stop-motion films with an iPad, smartphone, or DSLR camera, or any digital camera. Learn how to tell a story using a stop –motion animation format. We will build sets and create characters for your stories. All you need is a tablet (IPAD), or a smart phone or a digital camera. If you don't have one, I will provide one for you. There are NO prerequisites for this class and no previous experience is required. **Class fee-** \$30/mo. **Supply fee-** \$20/semester

Drama:

An introduction to drama and acting. Students will learn acting and stage techniques while preparing two plays (one presented at the end of each semester). Topics covered will include character development, interpretation, memorization techniques, stage etiquette, and diction. **Class fee-** \$30/mo. **Supply fee-** \$30/semester

Praise Dance:

Praise Dance is a Jazz & Hip Hop Combo class. We will start each class with prayer and a Jazz &/or Hip Hop warm up. We will then practice movements “across the floor” & combinations out in the center. Devotionals or applicable scriptures may be added & Christian music will be used. After a few weeks, we will begin learning choreography in preparation for our dance presentation at the end of each semester. *Girls should wear jazz, cargo or sweat pants, black jazz shoes & a leotard under a T-shirt. Boys should wear jazz, cargo or sweat pants, black jazz shoes & a T-shirt.* Specific dance attire for end of semester presentations will be determined after song choice has been confirmed. **Class fee-** \$25/mo. **Supply fee-** \$40/semester

Lego Robotics Beginning:

Prepare your students for the coming "Robotics Revolution" as we look toward a continued projected 3,000% increase in the use of robotics in 10 years! In this

Introduction Robotics class, students will learn about Robotics: past, present, and future, and techniques of building and programming actual robots using Lego Robotics. Students practice construction with the Lego building system and the intelligent brick with servo style motors, ultrasonic sensor, color sensor, and touch sensors. They learn basic programming and debugging techniques with a graphical interface (GUI) programming language. In teams, students build different robots and program them with a laptop computer to move, react, and make sounds to solve challenges. **Class fee-** \$28/mo. **Supply fee-** \$20/semester

More Signs, More Fun:

There is just too much to learn in one year!! Learn the signs in the chapters of “The Joy of Signing” that we didn’t get to in “Signing is Fun!” Also learn more about deaf culture, learn more songs to sign, and start to understand how ASL is indeed a foreign language – and have a lot of fun while doing all this! (“Signing is Fun!” is not a prerequisite; can take one without the other, or take both in either order.) **Class fee-** \$25/mo. **Supply fee-** \$20/semester

Martial Arts:

This is a Christian Martial Arts and Self Defense class: *We will start and end each class with prayer, then a light warm-up and stretch. This class will cover kicks, punches, blocks, self-defense, and Katas (Individual Training Exercises). **We will also be including optional light contact Sparring with all of our Black Belts. We will provide the gear. Martial Arts is a fantastic way to exercise, make new friends and learn self-defense in a well-supervised environment. Students will improve self-control, develop their focus, learn respect, and follow instructions. Practice at home is encouraged! What to wear if you choose not to buy Uniform: Black sweatpants and Black T-Shirt (loose and comfortable!) Please bring water. **Class fee-** \$26/mo. **Supply fee-** Uniform Purchase and Belt Testing can be discussed with the Instructor.

Flag Corp/Color Guard:

Learn how to spin, toss, and catch a flag to beautiful contemporary Christian music, just like you see during football halftime shows. This class will perform at least one well-synchronized and choreographed song each semester! If interested, we can also incorporate, ribbon, hoops, scarves and “hand jive.” This is an active class so dress appropriately (sneakers, not flats or flip flops). Perfection coordination Not required! **Class fee-** \$25/mo. **Supply fee-** \$40/semester

Writing with Skill Level 1:

Writing with Skill is a classical approach to writing composition, giving students the skills to write with clarity and confidence. Integration of writing in academic areas such as history, science, literature, and poetry is an important strength of the course. Another strength is the focus on the fundamental writing skills of outlining, and summarizing. To

further prepare students for advanced academic writing, they practice a variety of writing forms including chronological narratives, biographical sketches, and descriptions. *Writing with Skill Level I* lays a solid foundation for subsequent writing classes. Units one through sixteen are covered in Part 1; units seventeen through thirty-four are covered the following year, in Part 2. **Class fee-** \$37.50/mo. **Supply fee-** \$4/year

Presidents, States & Capitals:

I guarantee that students WILL be able to recite the presidents, in order, before Christmas (possibly in as little as 9 weeks!) – amaze friends and family, and have a life-long nugget of useful knowledge. We will also learn the states, their locations in the US, and their capitals – as well as other unique and interesting facts. **Class fee-** \$25/mo. **Supply fee-** \$20/semester

Visual Art A:

In this class, the student will have the possibility to interact with the different mediums, like clay, oil pastel, acrylic paint, paper mache, and mix media. The focus of this class is not only art creation, but it's also to learn about other cultures by studying their social life and learning to express themselves through art. The parents don't have to buy any books. I will provide tools like easel, bates, slab machine, clay sculpting tools and professional panels for annual showcase. **Class fee-** \$30/mo. **Supply fee-** \$75/semester

Experiencing Literature:

Experiencing Literature exposes students to the rich language and enduring truths found in classical literature. Books are carefully selected to promote oral and written language development. Therefore, vocabulary, sentence structure and writing style are of paramount importance in making the selections. Moreover, the story content is carefully considered for moral value, age appropriateness and student interest. Before students can intelligently discuss literature, they must understand what they read. In the *Experiencing Literature* classes, students engage with books through story mapping, interviewing, and role-playing. These activities take readers to the heart of the story where they become participants rather than passive bystanders, observing the action from the sidelines! Emotionally and intellectually invested in the book, students eagerly engage in lively discussion and rigorous debate. *Experiencing Literature* encourages the exchange of ideas and inspires the birth of new revelation! While students are getting lost in the adventure of a favorite book, they are simultaneously building vocabulary, increasing comprehension, and developing critical and analytical thinking skills, which are life time learning tools. Beyond training the mind, *Experiencing Literature* focuses on building the spirit. The word of God comes alive as students perceive the relationship between scriptural principles and hidden truths imbedded in the stories. The unique benefit of *Experiencing Literature* is *experiencing* the power of

God's word in each book as the story unfolds. *Experiencing Literature*: It's more than a story! **Class fee-** \$37.50/mo. **Supply fee-** \$0/semester

Beginning Guitar:

I will teach the student[s] how to play the guitar and to stay in rhythm, while having fun and learning how to worship. There is no curriculum needed. For the Beginning Guitar Class, students will only need: a guitar (and an amplifier if electric guitar), guitar strap, guitar picks, a 1-inch three ring binder with page protectors, and a music stand (optional). **Class fee-** \$16/mo. **Supply fee-** \$6/semester

Mr. D Geometry:

This is a full high-school credit program with Online Curriculum + In-Person weekly class sessions on Tuesdays here at Co-op. The Mr. D Math Geometry curriculum is suitable for grades 6-12. The online curriculum includes 12 chapters of video-based instruction (Mac and PC compatible), course work for each section of each chapter, 12 chapter tests, 2 semester exams, and a comprehensive solutions manual. Also included is an online grade book, email access to the Mr. D Math teaching staff and enrollment in the Mr. D Math virtual learning center. You will pay a \$97 one-time fee for the math curriculum through mrdmath.com. (The normal curriculum fee is \$197. Lighthouse students will get a \$100 discount! After registering for class, you will be given a coupon code.) Prerequisite: completion of Algebra 1 **Class fee-** \$25/mo. **Supply fee-** \$0/semester

Mr. D Pre-Algebra:

This is a full high-school credit program with Online Curriculum + In-Person weekly class sessions on Tuesdays here at Co-op. The Mr. D Math Pre-Algebra curriculum is suitable for grades 6-8, as well as for high-school students needing the extra edge to prepare for Algebra I. The online curriculum includes 12 chapters of video-based instruction (Mac and PC compatible), course work for each section of each chapter, 12 chapter tests, 2 semester exams, and a comprehensive solutions manual. Also included is an online grade book, email access to the Mr. D Math teaching staff and enrollment in the Mr. D Math virtual learning center. You will pay a \$97 one-time fee for the math curriculum through mrdmath.com. (The normal curriculum fee is \$197. Lighthouse students will get a \$100 discount! After registering for class, you will be given a coupon code.) **Class fee-** \$25/mo. **Supply fee-** \$0/semester

Lego Robotics Intermediate:

In Intermediate Robotics, students will continue to hone and expand their robotic building and programming skills they acquired from Beginning Robotics. Using Lego Robotics, students will construct specialized mission and exhibition project robots using the extended Lego building system, which includes the intelligent brick with servo style motors, and ultrasonic, color, and touch sensors, as well as advanced sensors. They

will learn more advanced programming and debugging techniques using the graphical interface (GUI) Mindstorms programming language, as well as Robot C. In teams, students will build mission, exhibition, and creative robots. Using a laptop computer and remote device, students will program the robots to move, react, make sounds, and collect data, to solve challenges both autonomously and by remote control. Individual projects are made by groups of 2 to 4 students working in teams. Team members and projects may be rotated during the year depending upon interests etc. Working in teams, students continue to hone important engineering work skills learned in beginning robotics including how to succeed via effective time and resource management, quality assurance (QA) methods such as checking each other's work, and the incremental building and testing of sub-components for larger projects. Additionally, students learn and practice key presentation and management skills as well as gain valuable science competition related skills. This class is great practice for kids interested in STEM, programming, engineering, robotics and science related competitions. **Class fee-** \$28/mo. **Supply fee-** \$20/semester

Musical Theatre:

An introduction to acting and singing in a musical theatre context. Students will learn basic singing techniques, how to act in a show involving music, and learn about the development of musical theatre in different time periods. Students will prepare two short, age-appropriate performances; one performed at the end of each semester. **Class fee-** \$30/mo. **Supply fee-** \$30/semester

Athletics (4-8):

Sports can be played in a Godly way! In this class you will learn how to play many different sports, understanding basic rules, stretches, skills, and game plans. Each student will learn how to show good sportsmanship, how to handle losing, how to work together, and how to treat winning. This class will also highlight professional athletes that have played the sport with a Godly perspective. Sports include: Archery, Baseball/Softball/Whiffleball, Soccer, Street Hockey, Volleyball/Nukem, Basketball, Tennis, Golf, Flag-Football, 4 Square, Track & Field, Backyard Games, Dodgeball, Connect 4, Team Building Exercises. Ice water will be provided. **Class fee-** \$18.75/mo. **Supply fee-** \$0/semester

Visual Art B:

In this class, the student will have the possibility to interact with the different mediums, like clay, oil pastel, acrylic paint, paper mache, and mix media. The focus of this class is not only art creation, but it's also to learn about other cultures by studying their social life and learning to express themselves through art. The parents don't have to buy any books. I will provide tools like easel, bates, slab machine, clay sculpting tools and professional panels for annual showcase. **Class fee-** \$30/mo. **Supply fee-** \$75/semester

Speech & Debate:

This class will give students the tools and confidence they need to speak effectively to individuals and audiences. The first semester will focus on Speech and includes discussions of the communication process, audience analysis, and public speaking guidelines. The course will cover topic choice, research, organization, and effective communication. Speaking projects include introductions, interviews, demonstration speeches, declamations, informative speeches, devotional speeches, and persuasive speeches. The second semester will provide an opportunity for students to engage in a formal debate. The course will cover tips and guidelines for effective preparation and delivery. **Class fee-** \$25/mo. **Supply fee-** \$5/year

Mind Your Manners (7-13):

Students will learn the following: Common Courtesies, Conduct, Greeting & Introductions, Social Media & Integrity, Friendship & Communication Etiquette, Thank You Notes & Gratitude, Table Manners & Dining Etiquette. At the conclusion of each semester we will host an "Etiquette Graduation" where each student will receive an "Etiquette" diploma along with a small presentation where parents can attend and witness what their child has learned in etiquette school. **Class fee-** \$22/mo. **Supply fee-** \$22/semester

Apologia Biology with Lab:

This is a comprehensive High School Biology course that covers all 16 modules of the Apologia curriculum. Topics to include (but not limited to): Scientific method, five-kingdom classification scheme, microscopy, biochemistry, cellular biology, genetics, theory of evolution, evidence of creationism, and ecosystems. There will be an emphasis on microscope work and dissections. Bonus labs will include: **squid & shark dissections**. Expectations: Each week, on co-op Tuesdays, we will discuss concepts and perform most of the labs outlined in the curriculum. The student will learn to write up a proper Lab Report and be expected to complete one for each lab performed. Reading assignments, science terms, On Your Own Questions, Study guides, and tests will be completed at home and kept in a Science Notebook which will be graded on a bi-monthly basis by the teacher. Plan to spend at least 30 minutes/day completing assignments. **NOTE: This is a 90 minute class each week starting promptly at 9:00 am Tuesday. Class fee-** \$45/mo. **Supply fee-** \$40/semester

Ancient Civilizations and the Bible:

Explore ancient history and archaeology with Diana Waring's History Revealed curriculum which is geared to accommodate various learning styles. This curriculum, taught from a Biblical worldview, incorporates "living books" and a variety of projects to

make history more memorable and exciting. Ancient Civilizations and the Bible also focuses on the geography, art, literature, science, and more from each early civilization. This multidisciplinary approach helps students to begin to understand the arts and sciences within their historical contexts. Since this is a complete history course, students will be expected to spend about 30 minutes/day on homework. Time required to complete each unit's project will vary, since the projects are based on each student's interests. Please encourage your children to set goals and use their creativity as they create their applied-learning projects. (Students will occasionally need access to the internet for reading assigned articles, and will need to make a trip to the library once in a while.) **Class fee-** \$25/mo. **Supply fee-** \$15/semester

Appreciating Literature:

Appreciating Literature exposes students to the rich language and enduring truths found in classical literature. The books are carefully selected to promote oral and written language development. For this reason, vocabulary, sentence structure and writing style are of paramount importance in making the selections. Moreover, the story content is carefully considered for moral value, age appropriateness and student interest. Before students can intelligently discuss a book, they must understand what they read. To facilitate comprehension, students engage with the story through story maps, interviewing, and role-playing. These activities transport readers to the heart of the story where they become active participants rather than passive bystanders, observing action from the sidelines! When students are emotionally and intellectually invested in the book, they eagerly engage in lively discussion and rigorous debate. *Appreciating Literature* encourages the exchange of ideas and inspires the birth of new revelation! As students lose themselves in the adventure of a favorite book, they simultaneously build vocabulary, increase comprehension, and develop critical and analytical thinking skills, life time learning tools. Beyond training the mind, *Appreciating Literature* focuses on building the spirit. The word of God comes alive as students perceive the relationship between scriptural principles and hidden truths imbedded in the stories. The unique benefit of *appreciating Literature* is *experiencing* the power of God's word in each book as the story unfolds. *Appreciating Literature: It's more than a story!* **Class fee-** \$37.50/mo. **Supply fee-** \$4/year

Cooking & Baking from Scratch:

When schedules are too demanding, healthy meals and mealtime enjoyment are often sacrificed, with families choosing the "urgent over the more important". Mealtime should be a stress-free place where families can connect and form lasting memories while eating nutritious food. Children can learn to prepare- and help prepare- foods that best fit their family's needs. They can learn to cook and bake homemade meals from scratch, becoming more confident and comfortable with this type of meal preparation than people who haven't been raised with this skill. Preparing their own foods from scratch often allows children to use creativity, and this activity may become a pleasurable and relaxing hobby for them. Since children are more apt to taste and eat the foods that they cook or bake, they may become less finicky, and enjoy a larger variety of foods.

Cooking and baking from scratch is also a great way to help with special dietary needs of different family members. Most home-cooked meals taste better than prepackaged, frozen, and fast foods; so children and their families may really enjoy this art, and learn to appreciate the health benefits of it. This class will teach children how to shop for needed foods and ingredients and how to read labels to know what is actually in the foods that they often consume. They will learn how to cook sauces, soups, legumes, casseroles, and other dinner meals, as well as, how to bake pizza, breads, muffins, and desserts from scratch while making their own recipe notebook. This could become a fun family activity, or even a family tradition that could once again bring family members together around the table. The memories made can be passed down to the next generation, helping to build stronger family bonds. **Class fee-** \$28/mo. **Supply fee-** \$25/semester

Low/High Impact Cardio Workout:

You choose your intensity, I'll help you modify your cardio workout. Whether you're getting back into the groove, just get started, or exercise simply because you love it, this class is for you. It's fun. It's friendly. And it's good for you. Come join us as we workout with inspiring Christian music that is sure to get you moving. **FEMALES ONLY**
Class fee- \$25/mo. **Supply fee-** \$0/semester

Critical Thinking Through Literature:

Books are chosen from a pool of classic literature to insure quality of writing and content. Students think and discuss compelling themes such as hypocrisy, prejudice, identity, forgiveness, revenge, survival, courage, and ... the list goes on. They also keep literary journals to record reflections generated from their readings. These journals are the spring-boards for discussion and debate. As students reflect on themes, they become more aware of conflicts and challenges confronting humanity. Their awareness increases understanding and sensitivity for people of different times, beliefs and cultures. Stepping outside the known and familiar boundaries of their experiences, students expand their world-view and add richness to their lives. Although *Critical Thinking Through Literature* is not a writing class, students have opportunity to develop and support thesis statements based on and insights and ideas they discover from exposure to divergent beliefs and opinions. Developing their own convictions rather than conforming to those of others, students take ownership of their own world view. The best part about *Critical Thinking Literature*, however, is that it is not about right or wrong answers because we are not asking those kinds of questions! It's not about getting through a book because that's not our purpose. Instead, it's about getting *into* the book and learning how literature reveals truth about life, people and very often about ourselves. *Critical thinking Through Literature*: It's inspiring; it's challenging; it's enlightening, not only that, it's fun, and everyone has a voice and an opportunity to be heard. **Class fee-** \$37.50/mo. **Supply fee-** \$5/year

Biblical Worldview & Apologetics:

Statistics show that a majority of young people raised in the church walk away from Christianity when they leave home. Now is the time for young people to become rooted in Christ and established in the faith (Col. 2:4-8). This class will help prepare students for the challenges to their faith that they will experience in life. This course will cover topics such as the reliability of the Bible, the uniqueness of Christ and Christianity, the character of God, and the Bible and science. The goal is for students to: develop a worldview based upon the absolute truth of the Bible, strengthen their faith in Christ, learn ways to effectively share the Gospel in a secular culture, know what they believe and why, be able to give a gentle and respectful answer to those who ask them a reason for their hope (1 Pet. 3:15), and be able to provide Biblically-based answers to current issues and questions. **Class fee-** \$28/mo. **Supply fee-** \$10/year

Writing with Skill Level 2:

Writing With Skill Level 2 is a comprehensive and systematic approach to academic writing. Among critical skills included in the course are summarizing, outlining, and note taking. To prepare students for writing across the curriculum, they also practice writing forms applicable to history, science, and literature. Additionally, different types of introduction and conclusion are presented to effectively complete essay compositions. A final benefit of *the course* is the challenging work in literary analysis and research, necessary preparation for high school and college. Important features of *Writing with Skill Level 2* include detailed explanations and precise instructions in each lesson, training students to learn independently, write effectively, and think critically. **Class fee-** \$37.50/mo. **Supply fee-** \$4/year

Mr. D Algebra 1:

This is a full high-school credit program with Online Curriculum + In-Person weekly class sessions on Tuesdays here at Co-op. The Mr. D Math Algebra 1 curriculum is suitable for grades 6-12. The online curriculum includes 12 chapters of video-based instruction (Mac and PC compatible), course work for each section of each chapter, 12 chapter tests, 2 semester exams, and a comprehensive solutions manual. Also included is an online grade book, email access to the Mr. D Math teaching staff and enrollment in the Mr. D Math virtual learning center. You will pay a \$97 one-time fee for the math curriculum through mrdmath.com. (The normal curriculum fee is \$197. Lighthouse students will get a \$100 discount! After registering for class, you will be given a coupon code.) **Class fee-** \$25/mo. **Supply fee-** \$0/year

IEW Ancient History:

“Discover and be amazed at the wonders of the ancient world while learning to write with structure and style! This new edition of *Ancient History-Based Writing Lessons* offers writing topics that explore the civilizations of Sumer, Egypt, Israel, Babylon, Greece, Rome, Asia Minor, and Asia—the people’s ideas, traditions, systems

of government, feats, and wonderful skills. IEW's structural units 1–9 are taught in order; elements of style are introduced gradually. A set of creatively illustrated vocabulary cards is included. The words, chosen to work easily in the writing assignments, expand students' vocabularies and add sophistication to their compositions. Acquiring facts about the ancient world while learning to write well has never been so enjoyable!"- IEW.com **Class fee-** \$28/mo. **Supply fee-** \$12/semester

College Prep Writing:

The College Preparatory Writing course improves basic writing skills in grammar, punctuation, and sentence structure through readings, paragraphs, and short essays. It is preparation for successful completion of college-level writing courses. The basic principles of effective writing are presented and woven throughout the course: introduction to writing, writing process, patterns of organization, sentence skills, and standards for revision and editing. Students practice basic criteria of good writing: unity, support, coherence, and sentence skills. They learn to incorporate these elements into their own compositions by analyzing model paragraphs and essays. In addition to technical skills, students learn to think critically and creatively about their writing. They perceive writing not to be a formula, but a logical cohesion of facts, ideas, opinion, and imagination. Students share and discuss their thoughts, and read their compositions aloud. Additionally they give and receive constructive feedback. Collaboration has proven to be highly successful in student learning, and it is a hallmark of this course. **Class fee-** \$37.50/mo. **Supply fee-** \$4/year

Mr. D Algebra 2:

This is a full high-school credit program with Online Curriculum + In-Person weekly class sessions on Tuesdays here at Co-op. The Mr. D Math Algebra 2 curriculum is suitable for grades 6-12. The online curriculum includes 12 chapters of video-based instruction (Mac and PC compatible), course work for each section of each chapter, 12 chapter tests, 2 semester exams, and a comprehensive solutions manual. Also included is an online grade book, email access to the Mr. D Math teaching staff and enrollment in the Mr. D Math virtual learning center. You will pay a \$97 one-time fee for the math curriculum through mrdmath.com. (The normal curriculum fee is \$197. Lighthouse students will get a \$100 discount! After registering for class, you will be given a coupon code.) **Prerequisite: completion of Algebra 1 and Geometry**
Class fee- \$25/mo. **Supply fee-** \$0/semester

Spanish 1:

The goal of this Spanish 1 class is to provide students with the tools necessary for communication by building vocabulary, practicing dialogues that reinforce material studied, and developing speaking, reading, and listening skills. This class will include songs, poems, games, cultural notes, special speakers, and more to challenge and motivate students on their learning adventure. **Class fee-** \$30/mo. **Supply fee-** \$15/year

Apologia General Science:

This is a comprehensive middle school General Science course that covers all 16 modules of Apologia curriculum. Topics to include (but not limited to): history of science, scientific method, geology, the fossil record, criteria of life, and the various systems of the human body. Bonus labs will include: microscope use and two dissections. **Class fee-** \$35/mo. **Supply fee-** \$25/semester

IEW Student Writing Intensive Level C:

“Recorded live with Mr. Andrew Pudewa, this DVD writing course for high school students new to IEW lays a solid foundation of writing skills. Over the course of 30 weeks, students will learn how to effectively use a wide range of structural models and stylistic techniques in their compositions, as they write on a variety of enjoyable fiction and non-fiction topics.” - IEW.com **Class fee-** \$32/mo. **Supply fee-** \$10/semester

Marine Biology:

Not only will you learn about the amazing organisms that make their homes in the ocean, but you will also learn about the complex interactions that these creatures have with one another. You will even learn about the complex interactions that these organisms have with land-dwelling creatures. As you study all of these things, you will see that the oceans play a vital role for all life on earth, and you will be amazed at God's handiwork! We will study 16 different modules in the text including: The Oceans of Our Planet, Life in the Sea, The First Four Kingdoms, Marine Invertebrates 1 & 2, Marine Vertebrates 1 & 2, Marine Ecology, The Intertidal Zone, Estuary Communities, Coral Reefs, Continental Shelf Communities, The Epipelagic Zone, The Deep Ocean, Ocean Resources and Effects of Humans on the Sea. I would like to include some field learning days including kayak ecotrips, aquarium visits, a local lab and a beach day. **Class fee-** \$25/mo. **Supply fee-** \$25/semester

Computer Skills & Digital Savvy:

This course will cover required topics in most introductory “Information Technology” classes and is perfect for students seeking to improve their computer skills or prepare for later Information Technology courses. This curriculum has been aligned to specific course standards, in a number of states, and is taught in both public and private schools. This is a one year (two semester) course with Online Curriculum + In-Person weekly review and lab class sessions on Tuesdays at the co-op. This Introductory Computer Science curriculum is recommended for grades 6th- 12th +. This curriculum has 25 chapters and is intended to be taught over a period of 33 school weeks. Each chapter consists of video-based instruction (MAC and PC compatible) and text and

contains several hands-on “Work With Me” activities, lesson quizzes (done at home with 3 attempts, highest grade) and a chapter review test (done at home with 3 attempts, highest grade), in addition to the listed Lab assignments. Students should have minimal computer usage skills (e.g. keyboarding, mouse, and operating system navigation) prior to starting this course. This Introductory Computer Science curriculum is recommended for grades 6th- 12th +. All work is done within an online framework with the accountability of a year long schedule, teacher and parental monitoring, weekly class sessions, and a co-op classroom teacher's technical support. Students pay a one-time supply fee for the school curriculum (possible group discount for our co-op class). After class begins, families will be sent information to create their student account logins (which are also accessible by the teacher and the parent). **Class fee-** \$28/mo. **Supply fee-** \$0/semester

Apologia Chemistry with Lab:

This is a comprehensive High School Chemistry course that covers all 16 modules of the Apologia curriculum. Topics to include (but not limited to): units/measure, stoichiometry, thermodynamics, kinetics, acids/bases, redox reactions, & gas laws. Expectations: Each week, on co-op Tuesdays, we will discuss concepts and perform most of the labs outlined in the curriculum. The student will learn to write up a proper Lab Report and be expected to complete one for most labs performed. Reading assignments, science terms, On Your Own Questions, Study guides, and tests will be completed at home and kept in a Science Notebook which will be graded on a bi-monthly basis by the teacher. Plan to spend at least 30 minutes/day completing assignments. **NOTE: This is a 75 minute class Prerequisite: Algebra 1 Class fee-** \$45/mo. **Supply fee-** \$40/semester

World History:

From Creation to the 21st century, *Exploring World History* presents ancient, medieval, and modern history 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. The hardcover books feature hundreds of full-color photographs and illustrations. Completing the course provides your child with a year's high school credit in World History. The full Notgrass curriculum, including English, and Bible, is optional for parents to complete at home but the class will only cover World History. **Class fee-** \$28/mo. **Supply fee-** \$10/year

Character Design Mini:

NO DRAWING EXPERIENCE NEEDED. I understand drawing can be intimidating for many people, especially for younger children. This class will provide a stress-free zone for aspiring artists to grow and learn new techniques to bring their drawings to life.* Have you ever seen a movie, be it an animated film like Frozen or a live action one like Star Wars, and wondered, how do they do it? How do they create these lifelike characters that are so different from what's in our world? From the clothes to the

characters themselves, these characters we see are created from the ground up. Character Design is the process that film artists use to construct and design their characters. In this class, students will have the opportunity to do the same thing via pencil and paper. Students will learn how to draw figures first by practicing with well-known characters like Rey from Star Wars, Iron Man from Avengers, Simba from The Lion King, and much, much, more. Students will learn basic art concepts such as figure drawing, how to give lifelike qualities to characters on paper, how to visualize and see things in our own world from an artists perspective, and even new ways of creative thinking. With these skills, students will be able to create their own diverse and lifelike array of characters. **Class fee-** \$62.50/ 10 sessions **Supply fee-** \$12

Tools for Learning Mini:

Students learn the differences between simply completing assignments and studying with purpose and direction. To understand the contrast between the two study outcomes, students discuss compelling research with the power to change attitudes, habits, and study goals. Research studies include topics such as mindset, positive side of failure, balance between stress and rest, benefits of focus, cost of distractions, learning modes, practice vs perfect practice, and process goals. In addition to a study process and its unique application for each student, the course covers reading strategies for academic reading. Study is an art as well as a discipline. Students empowered for peak learning have both. **Class fee** \$135/ 16 sessions /30 min.