

PATH Fall 2016 - Course Catalog

Nursery-Preschool

Preschool 3rd Hour

Class #: 2303 **Class Time:** 11:00 - 12:00 **Teacher:** Heidi Mealy

Fee(s):

Description: Through lots of playing and fun our preschool class will:

- help children expand their knowledge and increase their vocabulary
- focus on scientific thinking skills as well as information about the everyday environment, the world, and how things work
- engage in music, art, and Spanish
- learn persistence when working at tasks, direction following, and good listening skills
- focus on language and literacy skills, as well as interactive book reading
- learn beginning skills involving the alphabet, numbers, and spatial awareness

Preschoolers will have a nap/rest period right after lunch.

Homework: N/A

Supplies: Nap stuff and sippie cup.

Preschool 1st hour

Class #: 2301 **Class Time:** 9:00 - 9:55 **Teacher:** Heidi Mealy

Fee(s):

Description: Through lots of playing and fun our preschool class will:

- help children expand their knowledge and increase their vocabulary
- focus on scientific thinking skills as well as information about the everyday environment, the world, and how things work
- engage in music, art, and Spanish
- learn persistence when working at tasks, direction following, and good listening skills
- focus on language and literacy skills, as well as interactive book reading
- learn beginning skills involving the alphabet, numbers, and spatial awareness

Preschoolers will have a nap/rest period right after lunch.

Homework: N/A

Supplies: Please bring a blanket, mat, and favorite stuffed animal for naptime. Please include a paint shirt/smock in your child's backpack.

Preschool 2nd Hour

Class #: 2302 **Class Time:** 10:00 - 10:55 **Teacher:** Heidi Mealy

Fee(s): **Class Fee**
\$10.00

Description: Through lots of playing and fun our preschool class will:

- help children expand their knowledge and increase their vocabulary
- focus on scientific thinking skills as well as information about the everyday environment, the world, and how things work
- engage in music, art, and Spanish
- learn persistence when working at tasks, direction following, and good listening skills
- focus on language and literacy skills, as well as interactive book reading
- learn beginning skills involving the alphabet, numbers, and spatial awareness

Preschoolers will have a nap/rest period right after lunch.

Homework: N/A

Supplies: Nap items and a sippie cup.

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Preschool 4th hour

Class #: 2304 **Class Time:** 1:00 - 1:55 **Teacher:** Heidi Mealy

Fee(s):

Description: Through lots of playing and fun our preschool class will:

- help children expand their knowledge and increase their vocabulary
- focus on scientific thinking skills as well as information about the everyday environment, the world, and how things work
- engage in music, art, and Spanish
- learn persistence when working at tasks, direction following, and good listening skills
- focus on language and literacy skills, as well as interactive book reading
- learn beginning skills involving the alphabet, numbers, and spatial awareness

Preschoolers will have a nap/rest period right after lunch.

Homework: N/A

Supplies: Nap stuff and sippie cup.

Preschool 5th hour

Class #: 2305 **Class Time:** 2:00 - 3:00 **Teacher:** Heidi Mealy

Fee(s):

Description: Through lots of playing and fun our preschool class will:

- help children expand their knowledge and increase their vocabulary
- focus on scientific thinking skills as well as information about the everyday environment, the world, and how things work
- engage in music, art, and Spanish
- learn persistence when working at tasks, direction following, and good listening skills
- focus on language and literacy skills, as well as interactive book reading
- learn beginning skills involving the alphabet, numbers, and spatial awareness

Preschoolers will have a nap/rest period right after lunch.

Homework: N/A

Supplies: Please bring a blanket, mat, and favorite stuffed animal for nap time. Please include a paint shirt/smock in your child's backpack.

Walkers 1st hour

Class #: 1301 **Class Time:** 9:00 - 9:55 **Teacher:** Sarah Williams

Fee(s):

Description: The Walkers class is provided for children that were between the ages of one and two as of September 2016. This class has many activities to keep the toddlers busy throughout the morning. The teacher of this class supervises the care of the children as well as teaching through songs, books and crafts. The preferred naptime is during the fourth and fifth hours. The class fee provides for disinfectants, tissues, diaper disposal bags, a weekly craft and snacks.

Homework: N/A

Supplies: Labeled sippie cup/bottles, pacifiers with clip, diapers, change of clothes, blanket and napping items (includes sleeping bag and or nap mat with sheet and pillow).

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Walkers 2nd hour

Class #: 1302 **Class Time:** 10:00 - 10:55 **Teacher:** Sarah Williams

Fee(s): **Class Fee**
\$15.00

Description: The Walkers class is provided for children that were between the ages of one and two as of September 2016. This class has many activities to keep the toddlers busy throughout the morning. The teacher of this class supervises the care of the children as well as teaching through songs, books and crafts. The preferred naptime is during the fourth and fifth hours. The class fee provides for disinfectants, tissues, diaper disposal bags, a weekly craft and snacks.

Homework: N/A

Supplies: Labeled sippee cup/bottles, pacifiers with clip, diapers, change of clothes, blanket and napping items (includes sleeping bag and or nap mat with sheet and pillow).

Walkers 3rd hour

Class #: 1303 **Class Time:** 11:00 - 12:00 **Teacher:** Sarah Williams

Fee(s):

Description: The Walkers class is provided for children that were between the ages of one and two as of September 2016. This class has many activities to keep the toddlers busy throughout the morning. The teacher of this class supervises the care of the children as well as teaching through songs, books and crafts. The preferred naptime is during the fourth and fifth hours. The class fee provides for disinfectants, tissues, diaper disposal bags, a weekly craft and snacks.

Homework: N/A

Supplies: Labeled sippee cup/bottles, pacifiers with clip, diapers, change of clothes, blanket and napping items (includes sleeping bag and or nap mat with sheet and pillow).

Walkers 4th hour

Class #: 1304 **Class Time:** 1:00 - 1:55 **Teacher:** Sarah Williams

Fee(s):

Description: The Walkers class is provided for children that are between the ages of one and two as of September 1, 2016. This class has many activities to keep the toddlers busy throughout the morning. The teacher of this class supervises the care of the children as well as teaching through songs, books and crafts. The preferred naptime is during the fourth and fifth hours. The class fee provides for disinfectants, tissues, diaper disposal bags, a weekly craft and snacks.

Homework: N/A

Supplies: Labeled sippee cup/bottles, pacifiers with clip, diapers, change of clothes, blanket and napping items (includes sleeping bag and or nap mat with sheet and pillow).

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Walkers 5th hour

Class #: 1305 **Class Time:** 2:00 - 3:00 **Teacher:** Sarah Williams

Fee(s):

Description: The Walkers class is provided for children that were between the ages of one and two as of September 2016. This class has many activities to keep the toddlers busy throughout the morning. The teacher of this class supervises the care of the children as well as teaching through songs, books and crafts. The preferred naptime is during the fourth and fifth hours. The class fee provides for disinfectants, tissues, diaper disposal bags, a weekly craft and snacks.

Homework: N/A

Supplies: Labeled sippee cup/bottles, pacifiers with clip, diapers, change of clothes, blanket and napping items (includes sleeping bag and or nap mat with sheet and pillow).

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Kindergarten

Kindergarten Kids (First Hour)

Class #: 3301 **Class Time:** 9:00 - 9:55 **Teacher:** Jacqueline Worley

Fee(s):

Description: Using the literature-based curriculum of Five in a Row, your child will travel the world through classic stories. Through much loved books, children will discover the worlds of science, geography, art, drama, cooking, and mathematics. So join the journey and get ready for the fantastic adventure of learning!

Homework: N/A

Supplies: Labeled backpack with basic school supplies, such as scissors, pencils, glue stick, markers, crayons, and a paint smock.

Kindergarten Kids (Second Hour)

Class #: 3302 **Class Time:** 10:00 - 10:55 **Teacher:** Jacqueline Worley

Fee(s): **Class Fee**
\$20.00

Description: Using the literature-based curriculum of Five in a Row, your child will travel the world through classic stories. Through much loved books, children will discover the worlds of science, geography, art, drama, cooking, and mathematics. So join the journey and get ready for the fantastic adventure of learning!

Homework: N/A

Supplies: Labeled backpack with basic school supplies, such as scissors, pencils, glue stick, markers, crayons, and a paint smock.

Kindergarten Kids (Third Hour)

Class #: 3303 **Class Time:** 11:00 - 12:00 **Teacher:** Jacqueline Worley

Fee(s):

Description: Using the literature-based curriculum of Five in a Row, your child will travel the world through classic stories. Through much loved books, children will discover the worlds of science, geography, art, drama, cooking, and mathematics. So join the journey and get ready for the fantastic adventure of learning!

Homework: There is no assigned homework, but some follow up activities may be suggested for reinforcement.

Supplies: Labeled backpack with basic school supplies, such as scissors, pencils, glue stick, markers, crayons, and a paint smock.

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1st - 2nd

Flying, Floating, Flipping Science

Class #: 270 **Class Time:** 10:00 - 10:55 **Teacher:** Gina Foote

Fee(s): **Class Fee**
\$15.00

Description: Blast off into the wacky world of gadgets! Have you ever wondered what makes things fly or float? Would you like to build your own flying, spinning, howling, scooting object? This class shows you the science behind how things work. We will make fun gadgets like a rubber band walker, rockets that fly, waterwheels, sparklers, and more. This class will be entertaining and educational.

Homework: none

Supplies: regular school supplies: scissors, glue, pencil, etc

Galloping the Globe

Class #: 210 **Class Time:** 9:00 - 9:55 **Teacher:** Amy Glass

Fee(s): **Class Fee**
\$10.00

Description: Find your passport and let's travel the world together. We will travel the world exploring other countries to learn about their flag, culture, money, food, customs, language, religion, missionaries God sent, and much more. This will be a fun hands-on class. Grab your bags and let's go explore!!!

Homework: Journal of three things they learned will be optional but encouraged. Also we will have a traveling "friend" (stuffed animal) that will rotate from child to child each week to take home with them and journal about his adventures that week. More info on the first week of class.

Supplies: colored pencils, scissors, crayons, glue, pencil.

I Can Draw

Class #: 290 **Class Time:** 2:00 - 3:00 **Teacher:** Emily Plummer

Fee(s): **Class Fee**
\$15.00

Description: Learn the basics of drawing and create beautiful drawings to bring home in this class as we strengthen our fine motor skills, exercise our powers of perception, learn to work in a quiet environment, and develop visual-spatial skills. We will combine elementary instruction on the elements of lines and shapes with exercises designed to accommodate students either needing pre-writing development or practicing more advanced fine-motor skills. Each week, we will begin class with a story and then, after some drawing exercises, we will work on creating a drawing based on the illustrations in the book. Using step-by-step directions, we will create several drawing projects during the semester. As you learn to look carefully, you will be amazed at how well you can draw! Drawings will be saved by the instructor and then distributed at the end of the semester, along with the class supplies.

Homework: Please bring your supplies, and come ready to listen, look, and learn so that you can be amazed at how well you are able to draw!

Supplies: Students will need pencils (with grippers if their pencil hold is not yet natural), erasers, and a heavy-duty smock since the Prismacolor markers that we will be using are permanent. We will use extreme caution when using our markers, but smocks are a required supply item just in case! All other art supplies are included with the class fee and will be distributed at the conclusion of the semester.

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It's About Time

Class #: 260 **Class Time:** 9:00 - 9:55 **Teacher:** Nancy Buercklin

Fee(s): **Class Fee**
\$8.00

Description: Be a part of a human clock as we learn about telling time! While we will focus on analog (round) clocks, we will explore pendulums, sand clocks, and digital clocks. Games such as I Have Who Has and Bingo will be used for practicing our skills. Join us for fun as we learn about the importance of telling time.

Homework: Practicing telling time on clocks. One week, students will need to find clocks around their houses. Minimal homework.

Supplies: regular supplies (pencils, scissors, glue stick, colored pencils, markers--red and blue are required)

Kickball Basics

Class #: 240 **Class Time:** 1:00 - 1:55 **Teacher:** Angel Hargrave

Fee(s): **Class Fee**
\$5.00

Description: Students will learn the rules and skills required to play kickball. We will have a great time playing this game outside in the fresh air!

Homework: N/A

Supplies: Proper sports attire and a water bottle.

Storybook Art

Class #: 211 **Class Time:** 11:00 - 12:00 **Teacher:** Alexis Mastel

Fee(s): **Class Fee**
\$7.00

Description: Each week during class we will read a beautifully illustrated or an award winning book and then complete a fun art project to imitate the style of the illustrator.

Homework: none

Supplies: Markers, Crayons, scissors,& glue(liquid & Stick). An apron, smock or large t-shirt. Please label all supplies with students name and bring to co-op every time.

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3rd - 5th

Christmas with Clay

Class #: 336 **Class Time:** 11:00 - 12:00 **Teacher:** Elizabeth Pate

Fee(s): **Class Fee**
\$20.00

Description: Create fabulous ornaments and decorations for the Christmas season with polymer clay! The students will learn how to work with this type of clay and make a new project each week. This clay hardens when baked, so I will take them home to bake each week and bring their hardened projects back to them the following week. Get ready to create!

Homework: N/A

Supplies: Tools and clay will be provided so that the students will not have to keep up with bringing them each week. All that is needed is a creative spirit and a readiness to work hands-on with their clay.

Dodgeball (3rd-5th Grades)

Class #: 354 **Class Time:** 9:00 - 9:55 **Teacher:** Elizabeth Pate

Fee(s): **Class Fee**
\$5.00

Description: Let the games begin! We will play traditional dodgeball, as well as stretches and exercises to warm up each class, and will also talk and think about strategy. This will be a great way to wake up and get some energy out first thing in the morning and have some fun! Boys and girls are welcome!

Homework: N/A

Supplies: appropriate gym shoes and a water bottle

Fun In A Box

Class #: 320 **Class Time:** 10:00 - 10:55 **Teacher:** Desi Brown

Fee(s): **Class Fee**
\$10.00

Description: Take a break from traditional academics and play some games in and out of the box with your friends. We'll play strategy games, team building games and some good ole crazy fun games.

Homework: N/A

Supplies: N/A

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Holiday Baking

Class #: 335 **Class Time:** 11:00 - 12:00 **Teacher:** Carrie Davis

Fee(s): **Class Fee**
\$20.00

Description: Come have fun in the kitchen while we learn how to make a variety of baked goods for the holidays. We will fill the kitchen with yummy smells of pumpkin, cranberry, chocolate and gingerbread--the flavors of the fall. Students will need to bring appropriate kitchen tools, such as bread muffins, muffin tins, or rolling pins. They will also periodically need to bring special ingredients such as cranberries, butter or chocolate chips. The instructor will bring the rest of the ingredients each week.

Homework: Students will need to bring appropriate kitchen tools, such as bread muffins, muffin tins, or rolling pins. They will also periodically need to bring special ingredients such as cranberries, butter or chocolate chips.

Very Important: Please bring a container for each week for transporting goods home.

Supplies: Some of our recipes will require a hand mixer. We'll also be using a rolling pin. You'll need containers and baking dishes specific to our recipes. I'll let you know ahead of time what to bring.

Kickball 3rd-5th

Class #: 350 **Class Time:** 2:00 - 3:00 **Teacher:** Maeli Dang

Fee(s): **Class Fee**
\$5.00

Description: Put your best foot forward! Come join the fun as we learn to work together as a team, encourage each other, positively support our neighbor in the midst of a game, and get the oxygen running throughout our body. Let's have a blast, learning and sharing excellence in sportsmanship, as we have the best time ever running bases and kicking the ball for kickball!

Homework: None

Supplies: Students will need comfortable running shoes and a water bottle for each class. When weather permits, we will go outside. Bring a cap to wear out in the sun.

Math Tips, Tricks and Games

Class #: 314 **Class Time:** 10:00 - 10:55 **Teacher:** Colleen Epstein

Fee(s): **Class Fee**
\$7.00

Description: We will discover cool Math tricks, learn shortcuts to memorizing multiplication facts, and play fun Math games that incorporate what we are learning!

Homework: No Homework

Supplies: pencil, notebook paper

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1st-5th

Dance

Class #: 220 **Class Time:** 10:00 - 10:55 **Teacher:** Rebecca Liang

Fee(s): **Class Fee**
\$5.00

Description: Have fun learning the basics of ballet techniques, position, and movement! We'll be learning proper body positioning and building flexibility as we work toward our Family Night performance. Please purchase ballet slippers before class starts.

Homework: daily stretching

Supplies: Ballet shoes, Regular school clothes, but something they can move in. They will NOT be changing into leotards and tights.

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3rd-12th

Knitting for a Cause

Class #: 358 **Class Time:** 2:00 - 3:00 **Teacher:** Carrie Davis

Fee(s): **Class Fee**
\$10.00

Description: In this class, we will review the basics of knitting (or teach them for first-time knitters) and create an environment in which we enjoy fellowship with each other while knitting as many hats as possible for the homeless to be donated over the holidays. An optional field trip to distribute the hats will be organized for those interested in attending.

Homework: Students are encouraged to knit at home for at least 2 hours per week so that they can meet their knitting goal for the semester.

Supplies: The instructor will provide all the yarn, but students will need a size 10.5, 16" length circular needle. You can order online at knitpicks.com or purchase them at a specialty knitting store. These needles cannot be purchased at Jo-Ann's, Michaels, or Hobby Lobby. If you do not have access to a specialty knitting store, you may pre-order your needles with the instructor at 214.603.4016 or jm.cldavis@gmail.com and pay for them on the first day of class.

You also will need a set of size 10.5 double-pointed needles, which are widely available at most craft stores.

If you took knitting last semester, you should already have these supplies.

Piano Lessons (First Hour)

Class #: 361 **Class Time:** 9:00 - 9:55 **Teacher:** Roger Vermeulen

Fee(s): **Building Fee**
\$10.00

Description: Music lessons can inspire, encourage, and motivate. With a teacher from Providence Music Academy (owned by Roger Vermeulen), students will learn how to read music, play in a variety styles, develop an understanding of music theory and composition, and most of all, make music in a way that is meaningful and enjoyable. These are private piano lessons, and each student meets with the instructor for 15 weeks at a cost of \$25 per 30 minute lesson (paid to PMA on a monthly basis).

Homework: 30 minutes of homework 5 times weekly. Access to a piano is necessary.

Supplies: Teacher will select appropriate books for each student's lessons and discuss this with each student's parent.

Piano Lessons (Third Hour)

Class #: 363 **Class Time:** 11:00 - 12:00 **Teacher:** Roger Vermeulen

Fee(s): **Building Fee**
\$10.00

Description: Music lessons can inspire, encourage, and motivate. With a teacher from Providence Music Academy (owned by Roger Vermeulen), students will learn how to read music, play in a variety styles, develop an understanding of music theory and composition, and most of all, make music in a way that is meaningful and enjoyable. These are private piano lessons, and each student meets with the instructor for 15 weeks at a cost of \$25 per 30 minute lesson (paid to PMA on a monthly basis).

Homework: Practice time is 5 times per week for 30 minutes. Access to a piano is necessary.

Supplies: Teacher will select appropriate books for each student's lessons and discuss this with each student's parent.

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3rd-6th

Excellence in Writing: Fables, Myths, and Fairytales

Class #: 325 **Class Time:** 10:00 - 10:55 **Teacher:** Kathryn Sowell

Fee(s): **Class Fee**
\$5.00

Description: Using Institute for Excellence in Writing's Fables, Myths, and Fairytales Writing Lessons students will delight in classic children's tales while learning to write the IEW way. Students will learn to take notes, summarize narratives, summarize references, and write from pictures (Units 1-7) as well as numerous ways to "dress-up" their writing. There is no prerequisite for this class, but a basic knowledge of grammar is helpful. **This is a 2 semester class.**

Homework: 1 to 1.5 hours per week

Supplies: Students will need a 3 ring binder, dividers, notebook paper and a pencil. If they have taken IEW previously they can bring their notebooks. All students will need to purchase and bring the Fables, Myths, and Fairytales Student Book. The student book can be purchased at iew.com or Mardel.

Exploring Creation: Marine Biology (Swimming Creatures)

Class #: 340 **Class Time:** 1:00 - 1:55 **Teacher:** Emily Plummer

Fee(s): **Class Fee**
\$12.00

Description: Come discover God's amazing underwater world in this 2-semester, 10-week class. Using a hands-on, interactive approach, we will explore the many facets of marine biology in this exciting and engaging course. In addition to using Apologia's Exploring Creation Zoology II: Swimming Creatures of the Fifth Day, we will use additional, instructor-created resources to practice and apply what we learn about creatures large and small. Your student will finish this class with an appreciation of the vast, awe-inspiring creativity of God, who has made such an amazing diversity of creatures--from microscopic zooplankton to majestic blue whales. Hopefully, they will unknowingly also develop their curiosity and logical thinking skills, too. Homework is required.

Homework: Students will be required to complete weekly homework. They will be assigned reading selections from the textbook that will reinforce what we learned in class on Monday, as well as other periodic projects or assignments.

Supplies: Students will need to purchase the Apologia textbook, Exploring Creation with Zoology II: Swimming Creatures of the Fifth Day by Jeannie Fulbright. The Apologia notebook is NOT required. Each week, students will need to bring to class the following items: a pencil, colored pencils, an eraser, their textbook, and other resources provided by the instructor.

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Writer's Workshop

Class #: 347 **Class Time:** 1:00 - 1:55 **Teacher:** Melissa Sy

Fee(s): **Class Fee**
\$8.00

Description: In Writer's Workshop students discover that they are amazing writers! They develop their "voice" through writing about topics which interest them. Students will be guided to write an age appropriate amount weekly for homework and write silently for 15-20 minutes each week in class. It may be personal narrative, informational, mystery/adventure, news report, poetry, whichever genre they enjoy. They will take their text through the writing process of drafting, sharing, editing and final draft. The mechanics of writing will be covered in mini lessons and during our editing process, but students do not need to be highly proficient in spelling, grammar and punctuation to be successful. At the end of class each week, students will be invited to share their writing aloud and give positive feedback to others who share. Our final project will be to create an individual book or contribute to a class book. This will be a relaxed and fun class, with high expectations that students complete assignments and participate in sharing.

Homework: Suggested minimum of 30 minutes or more of writing and/or editing at home per week.

Suggested writing time by grade level (to be completed in 10-30 minute segments on 2 or more days):

3rd grade- 30 minutes

4th grade- 30 minutes to one hour

5th grade- one hour

6th grade- 1-2 hours

Supplies: Bring to each class: several mechanical pencils or traditional pencils, erasers and a pencil sharpener.
Optional: Bring a large throw pillow and/or stuffed animal each week to get comfy while working.

Students will receive a writer's notebook and a colored pen for editing. Additional class fees will go toward book making.

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1st-3rd

Basic Spanish

Class #: 250 **Class Time:** 2:00 - 3:00 **Teacher:** Anne Marie Miller

Fee(s): **Class Fee**
\$10.00

Description: Your child will jump,dance and play their way into the Spanish language. Using games like animal bingo,Simon says and color hide and seek the children will learn basic Spanish vocabulary.You will be amazed at how much Spanish they can soak up at this young age!

Homework: No homework.

Supplies: Basic supplies of glue,colored crayons or markers and scissors.

Fun with Frog and Toad

Class #: 230 **Class Time:** 11:00 - 12:00 **Teacher:** Kathryn Sowell

Fee(s): **Class Fee**
\$10.00

Description: Have you met Frog and Toad? No!?! Come and join us on exciting adventures with these two friends. Using Arnold Lobel's well-loved stories we will explore story elements, patterns, sorting, amphibians and so much more. Hop on in to this fun and crafty class!

Homework: none

Supplies: pencil, crayons, glue, scissors, paint shirt

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3rd-5th

Apologia Zoology Land Animals

Class #: 330 **Class Time:** 11:00 - 12:00 **Teacher:** Maeli Dang

Fee(s): **Class Fee**
\$10.00

Description: Let's explore and learn, examine and enjoy the enchanting creatures God created! Come on a safari through jungles, deserts, forests, farms, and even your own backyard to discover the amazing animals that walk the earth like primates to parasites! Student Textbook, Exploring Creation with Zoology 3: Land Animals of the Sixth Day (Young Explorer series) by Jeannie K. Fulbright will be needed to read for homework as we compare/contrast using Venn diagrams, fill in the blanks using Graphic Organizers, and hands on learning with experimental activities.

Homework: Chapter readings will be required for in class discussions.
Fill in the blank worksheets will be assigned like Venn diagrams and Graphic Organizers.
Parents will sign a homework log for every completed assignment.

Supplies: Textbook required: Exploring Creation with Zoology 3: Land Animals of the Sixth Day (Young Explorer series) by Jeannie K Fulbright
Try to find a used version at the Christian Educators Resource Center (CERC) in Rowlett. You can also look online or go to the Mardel Christian Bookstore.
(The Notebooking Journal is not required for class).

Pencils
Map Pencils
Crayons
Scissors
Glue

Lego Robotics

Class #: 328 **Class Time:** 10:00 - 10:55 **Teacher:** Victor Garcia

Fee(s): **Class Fee**
\$15.00

Description: Lego Robotics is a class designed to inspire curiosity in science and technology. Students will construct and program LEGO® MINDSTORMS robots, brainstorm, and work as a team to solve logistical problems. Students don't have to be technically inclined to enjoy Lego Robotics. If they have ever played with blocks or assembled toys at Christmas, they have more than enough technical experience!

Homework: N/A

Supplies: Notebook, pencils, measuring tape or ruler

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Texas History

Class #: 252 **Class Time:** 9:00 - 9:55 **Teacher:** Darla Page

Fee(s): **Class Fee**
\$15.00

Description: Come and join us as we delve into Texas History! We will begin by discussing the geography and historical background of our great state and then move into Native Americans, explorers, missions, and frontier settlements. Each week, emphasis will be placed on review as a foundation for that class's new material. We will learn new material through discussion, maps, and crafts. At the conclusion of each class, students will work together to generate a short keyword outline which can be used to complete their homework assignment. In the Spring Semester, we will continue our studies with Colonial Texas through modern times.

Homework: Each week, students will be required to write a brief narration using the keyword outline generated in class. Due to varying levels of writing experience, parents will be in charge of deciding what is acceptable; work will receive a completion grade only in class each week. Additionally, there will be an optional semester project. Information about these homework requirements, along with optional weekly activities and literature suggestions will be emailed in the parent letter prior to the beginning of classes.

Supplies: Students will need basic supplies, such as sharpened pencils with erasers, colored pencils, scissors & glue.

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6th - 8th

Advanced Lego Builders

Class #: 651 **Class Time:** 2:00 - 3:00 **Teacher:** Angel Hargrave

Fee(s): **Class Fee**
\$15.00

Description: Builders will work with a partner to create something new each week and present to the class. Students will also participate in Lego games, new building techniques, Lego art, and MUCH MUCH more....so many fun and new things!

Homework: N/A

Supplies: N/A

Apologia General Science

Class #: 664 **Class Time:** 9:00 - 9:55 **Teacher:** Kelly Ballard

Fee(s): **Class Fee** **Teacher Fee** **Building Fee**
\$25.00 \$50.00 \$10.00

Description: This course is based on the "Exploring Creation with General Science" Apologia book. It is designed to be the advanced 6th grader's or average 7th grader's foundational study for later science courses. Topics covered in 16 modules (chapters) include the scientific method, simple machines, archeology, geology, paleontology, biology and the human body. The class fee includes the purchase of the Student Notebook which students will receive on the first day of class. This is a 2 semester, 15-week course.

Homework: Approximately 3-4 hours per week. Students will be expected to read modules for comprehension and study each module to be prepared for study guide questions, class experiments, and module exams. Tests will be administered at home under parental supervision.

Supplies: "Exploring Creation with General Science" by Dr. Jay Wile (2nd Edition) with solutions manual. Students may use the 1st Edition, if preferred, as long as the instructor is notified as to which edition is being used. Basic supplies - paper and pencil.

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9th - 12th

Anatomy and Physiology

Class #: 292 **Class Time:** 1:00 - 1:55 **Teacher:** Tamara Leraas

Fee(s):	Class Fee	Teacher Fee	Building Fee
	\$25.00	\$50.00	\$10.00

Description: Using the textbook "Body by Design", along with "The Princeton Review Anatomy Coloring Book" (3rd Edition), students will study the human body, learning about each of the eleven body systems. We will explore each of the body systems, focus upon diseases, while profiling the classic and contemporary scientists and physicians who have made remarkable breakthrough in studies of the different areas of the human. We will also perform dissections, and experiments for a deeper look into the intricate design of the human body. This high school lab science will be 15 weeks/2 semesters.

Homework: Students must be able to maintain required reading from the textbook and coloring book, as well as answer chapter questions and fill in system diagrams. There will be approximately 30 minutes to an hour of homework each day.

Supplies: ** "Body by Design" by Alan L. Gillen

** "The Princeton Review Anatomy Coloring Book" 3rd Edition
These can be purchased at RainbowResource.com, ChristianBook.com, and Amazon.com

** Students will also need to have each Monday: sharpened colored pencils, along with regular school supplies, and their lab books that they will receive on the first day of the semester.

Apologia Biology - Lab

Class #: 650 **Class Time:** 2:00 - 3:00 **Teacher:** Tamara Leraas

Fee(s):	Class Fee	Teacher Fee	Building Fee
	\$25.00	\$50.00	\$10.00

Description: 1 hour lab supporting Apologia Exploring Creation With Biology. We will perform all dissections 2nd semester. Study Guides and tests for each chapter are turned into the teacher and are noted on the syllabus with due dates. This is a 15-week/2 semester course.

Homework: Students must be able to maintain required reading from the syllabus and be prepared for each experiment to be completed in class.

There will be a few quizzes, as well as study guides, and chapter tests being turned into teacher for each chapter.

Supplies: ** "Exploring Creation with Biology" by Dr. Jay Wile (2nd Edition)
This can be found in many places on the internet, as well as at Mardel. You will need this book before the semester starts as there will be a reading assignment due the first week of class.

**Lab Book - I will hand these out on the first day of class.

**Pencils and/or pens and colored pencils.

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Apologia Chemistry - Hour 1

Class #: 641 **Class Time:** 1:00 - 1:55 **Teacher:** Jennifer Helm

Fee(s):	Class Fee	Teacher Fee	Building Fee
	\$10.00	\$50.00	\$10.00

Description: Exploring Creation with Chemistry is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry in order to prepare him or her for a college-level course. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. In order to be able to understand this text, the student MUST have completed Algebra I. This class is a two hour class, which will include one hour of lecture and one hour of lab. Students MUST register for both hours. Students will be required to complete homework assignments to participate in the labs. This is a 15-week/2 semester course.

Homework: Student should expect to spend a minimum of 4-5 hours of homework per week. Homework will consist of reading assignments, study guides, module reviews, lab reports, and tests. Instructor will grade all homework, lab reports and tests.

Supplies: Exploring Creation with Chemistry (by Dr. Jay Wile 2nd Edition) textbook and solutions manual, and scientific or graphing calculator. Parents may also wish to purchase the companion multimedia CD-Rom for this course if they feel it would help in assisting their students at home. Basic school supplies (pen, pencil, notebook paper), calculator and a 1-inch three-ring binder.

Apologia Chemistry - Hour 2

Class #: 642 **Class Time:** 2:00 - 3:00 **Teacher:** Jennifer Helm

Fee(s):

Description: This is 2nd hour of Apologia Chemistry. Students MUST register for both hours.

Homework: See Homework requirements for Hour 1.

Supplies: See Supply List for Hour 1.

Math-U-See PreCalculus

Class #: 393 **Class Time:** 9:00 - 9:55 **Teacher:** Jean Booker

Fee(s):	Class Fee	Teacher Fee	Building Fee
	\$15.00	\$50.00	\$10.00

Description: Math-U-See Pre-Calculus is a 2-semester 15 week class. The class will cover Trigonometry, inverse trigonometric ratios, arc functions, angles of elevation and depression, co-functions, proving trigonometric identities, sum and difference identities, double-angle and half-angle identities, law of sines, law of cosines, polar coordinates, vectors, functions, relations, domain, range, composite functions, logarithms, sequences, series, inequalities, and limits.

Homework: Students will be required to complete five or six lesson practice sets and one test per week. Parents will grade the homework. Instructor will spot check homework and grade tests. Expect to spend a minimum of 5 hours weekly on homework. There is an honors component which may be completed at home, but it may not be covered in class.

Supplies: Math-U-See Pre-calculus Instruction Pack and Student Kit (The edition currently available on the Math-U-See web site). Students will also need notebook paper, graph paper, calculator, pencil, and binder.

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6th - 12th

All About Kids

Class #: 614 **Class Time:** 9:00 - 9:55 **Teacher:** Melissa Sy

Fee(s): **Class Fee**
\$7.00

Description: Do you enjoy taking care of younger children? Would you like to learn more about how kids develop and grow? This class will help prepare you to care for children ages 0-8 yrs. at church or VBS, when babysitting, and one day your own children when you become a parent. Through discussion, observation and hands-on projects you will:
-Learn about the physical, spiritual, social-emotional and intellectual development of children at different ages
-Learn how to keep kids safe
-Learn to lead fun, age-appropriate activities for young children in areas such as: music & creative movement, storytime, group games and art
-Learn ways to show each little one that they are a beloved child of God

Homework: Students will plan at least one activity for young children. They will need access to either books from the library or internet resources.

Supplies: 3 ring binder with interior pocket and loose leaf notebook paper for note taking. Or, pocket folder with loose leaf notebook paper. Other supplies will be determined by projects chosen by individual students. We will use our class fees to cover most of what is needed.

Bullseye I

Class #: 763 **Class Time:** 11:00 - 12:00 **Teacher:** Lavonne Hernandez

Fee(s): **Class Fee**
\$15.00

Description: Whether you're interested in becoming an excellent marksman, a hunter, or just curious to try archery, this is a great introductory course. Join us as we learn principles of shooting, bow structure, and the intriguing history of archery. We'll get plenty of practice too! You are strongly encouraged to bring your own archery equipment if you already have some. Shooting will occur in the great outdoors, so remember to dress appropriately!

Homework: None, unless you have the space to practice and want to do so!

Supplies: Recurve bows, arrows, and targets are provided with your class fee. Armguard (optional, but recommended) and Shooting tab or shooting glove. These supplies may be found at Academy, Bass Pro Shop, Wal-Mart Super Centers, Target or Outdoor Pro Shop. RECURVE BOWS ONLY... NO COMPOUND OR LONG BOWS ALLOWED.

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Computer Basics/Microsoft Office Training

Class #: 612 **Class Time:** 9:00 - 9:55 **Teacher:** Steven Booker

Fee(s): **Class Fee**
\$5.00

Description: Get a quick glance back at the computer technology age and a glimpse of what is coming next. Also review basic computer components and technology to get a better understanding of how these affect your overall computer experience. We will then focus on Microsoft Word, Excel, PowerPoint and Access. When should each be used and some basics of how to use them effectively. Last we will discuss computer and electronic safety and security and how these could affect your future. During the class we will open up additional discussion topics from student request(s).

Homework: Minimal

Supplies: Students may bring their personal computer with Microsoft Office installed if they wish. Spiral notebook and pencil/pen.

Dodgeball 6th-12th Grades

Class #: 764 **Class Time:** 2:00 - 3:00 **Teacher:** D'Ann Sparks

Fee(s): **Class Fee**
\$5.00

Description: Let the games begin! We will play traditional dodgeball (trying to hit the players of the opposing team with a ball) and other variations of dodgeball. These are fast-paced games with lots of action; come and be ready to move and have fun! Boys and girls are welcome!

Homework: none

Supplies: Please wear appropriate shoes for running in the gym. You may get thirsty, so bring water!

Drive Thru History America: Foundations of Character

Class #: 269 **Class Time:** 10:00 - 10:55 **Teacher:** Lisa Panak

Fee(s): **Class Fee**
\$10.00

Description: This is an American history curriculum that focuses on the lives of famous early Americans, such as, George Washington, Abigail Adams, Dr. Benjamin Rush, and Noah Webster. The objective of the course will be to see history through the eyes of these early Americans, discover their worldview and how it influenced the decisions they made. Each class we will view a 10 minute video, featuring Dave Stotts, and engage in class discussions. A small amount of reading and comprehension questions will be required as homework each week.

Homework: Approximately 30 minutes to 1 hour per week.

Supplies: 1 1/2" 3-ring binder, paper, pencil

**If you have a large binder in which you use for all your classes, feel free to use a divider and add the papers for this course. No need to purchase a separate notebook!

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Electing Our President

Class #: 635 **Class Time:** 11:00 - 12:00 **Teacher:** D'Ann Sparks

Fee(s): **Class Fee**
\$10.00

Description: Every four years, the citizens of the United States of America enjoy the opportunity to elect a new (or returning) president. Though basic election guidelines and qualifications are outlined in the Constitution, our history, traditions, and changing customs have shaped the modern election process. This class will follow the major candidates toward Election Day 2016 using short lectures, games, film clips, and discussion of current events to learn about the two major political parties, the candidates, their campaigns, advertising, and more. Although the presidential election will be our primary focus, we will also discuss legislative and gubernatorial candidates who are seeking office this year. This study will culminate with an Election Night Party (November 8th – Save the Date!) and a final class meeting to learn the rationale behind the Electoral College and about the pomp and ceremony of Inauguration Day.

Homework: Homework will be minimal and will consist mostly of following current events relating to the election. Please plan to attend the Election Night Party on November 8th.

Supplies: pen or pencil, loose-leaf notebook paper

IEW Speech Boot Camp

Class #: 483 **Class Time:** 2:00 - 3:00 **Teacher:** Lisa Panak

Fee(s): **Class Fee**
\$10.00

Description: Speech Boot Camp is an IEW video course that introduces speech communication to teens. The course spans 10 weeks and will be a mixture of watching videos, taking notes and giving speeches. Students will write and give an Introductory, Descriptive, Narrative and Persuasive Speech. Speeches will vary from 3 minutes to 7 minutes depending on the type of speech. Previous experience with IEW is not required but will be helpful. Locution, gestures, posture, breathing and phrasing will all be taught to help students become more confident speakers.

Homework: Writing and preparing Speeches/Presentations for class participation. 1.5 hour/week

Supplies: Basic School supplies, including a 3-ring binder with dividers and loose leaf paper.

Introduction to Watercolor Painting

Class #: 645 **Class Time:** 1:00 - 1:55 **Teacher:** Amy Glass

Fee(s): **Class Fee**
\$22.00

Description: This class is designed for beginners and offers an overview of using watercolor materials and techniques to create colorful, expressive art. The class covers equipment, paper, techniques, color theory and step-by-step exercises to create several pieces of art. Class fee includes studio artist set by Royal and Langnickel, which includes 12 watercolor paint tubes, 3 white taklon brushes, 1 painting pad, 1 six-well palette, 1 palette knife, 1 drawing pencil, 1 white eraser, 1 sharpener and one Beginner's booklet.

Homework: No assigned homework, but if students don't finish their paintings in class, they may need to complete their projects at home.

Supplies: none

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Introductory Logic

Class #: 639 **Class Time:** 11:00 - 12:00 **Teacher:** Nancy Buercklin

Fee(s): **Class Fee**
\$5.00

Description: "Formal logic is the science and art of reasoning well." In this 2 semester, 10 week course we will work our way through Cannon Press's Introductory Logic course. Students will learn about definitions, statements, syllogisms, and fallacies as they learn how to argue well and to find the faults in other's arguments.

Homework: 1 to 2 hours homework per week. We will cover 2 lessons per week and 2 homework exercises usually (may be 3 occasionally). ** Parents may opt to give quizzes and tests at home to award 1/2 high school credit after both semesters. This would increase homework to 2 1/2 to 3 hours a week.

Supplies: Students must have Introductory Logic: The Fundamentals of Thinking Well by James Nance and Douglas Wilson (5th edition). Please make sure you have the right edition (ISBN 9781591281658 or 1591281652). I will provide tests and quizzes (no need to buy the test and quiz booklet) and answer keys to parents upon request. Students should also bring the book to class each week and a pencil.

Math U See - Pre Algebra

Class #: 265 **Class Time:** 10:00 - 10:55 **Teacher:** Alicia Loran

Fee(s): **Class Fee** **Teacher Fee** **Building Fee**
\$10.00 \$50.00 \$10.00

Description: Math-U-See Pre Algebra includes the following topics: negative numbers, integers, number lines, exponents, place value, and more. This will be a two semester, 15 week class.

Homework: Students will be required to complete five or six lesson practice sets per week. Parents will check the homework, and students will bring completed and corrected homework to class. Instructor will spot check homework and grade tests. Expect to spend a minimum of 5 hours weekly on homework. There is an honors component, which may be done at home for extra credit, and may be covered in class as time permits.

Supplies: Math-U-See Pre Algebra Instruction Pack, Math-U-See Pre Algebra Student Pack, notebook paper, pencils

Math-U-See Geometry

Class #: 610 **Class Time:** 9:00 - 9:55 **Teacher:** Gina Foote

Fee(s): **Class Fee** **Teacher Fee** **Building Fee**
\$10.00 \$50.00 \$10.00

Description: Math-U-See Geometry is a 2 semester, 15 week class. We will cover points, lines, rays, line segments, planes, sets, angles, parallel and perpendicular lines, transversals, perimeter, area, circles, spheres, ellipse, volume, surface area, Pythagorean Theorem, 45-45-90 and 30-60-90 triangles, axioms, postulates, theorems, proofs, transformational geometry, and trigonometric functions.

Homework: Students will be required to complete five or six lesson practice sets and one test per week. Parents will grade the homework. Instructor will spot check homework and grade tests. Expect to spend a minimum of 5 hours weekly on homework. There is an honors component that will be covered in class as time permits and required work for 9th-12th grade students.

Supplies: Math-U-See Geometry Instruction Pack and Student Kit (The edition currently available on the Math-U-See web site). Students will also need notebook paper, pencil, calculator, binder, ruler, compass, and protractor.

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Typing

Class #: 663 **Class Time:** 1:00 - 1:55 **Teacher:** Colleen Epstein

Fee(s): **Class Fee**
\$7.00

Description: Learn basic keyboarding skills through fun drills and games. Students will learn proper finger placement on keys, technique, and form. Developing correct keystroke patterns will begin with learning to operate the home row keys then moving on to other letters and keys. Emphasis will be given more to proper form than speed, although most students will see their speed increase each week as well.

Homework: Practice typing take-home student drill sheets two days a week, 20 minutes per day, print out if possible or email to the teacher, and turn in at class.

Supplies: Pocket folder to place drill sheets and homework in and a pencil.

Ultimate Frisbee

Class #: 761 **Class Time:** 9:00 - 9:55 **Teacher:** Alicia Loran

Fee(s): **Class Fee**
\$5.00

Description: Ultimate Frisbee is like soccer played with a frisbee. It's a fast-paced, non-contact game that teaches strong teamwork skills. Everyone gets involved, no matter the skill level. Open to guys and girls 6th grade and above. We will play according to the official Ultimate rules and learn how to throw backhand, forehand, and hammer throws.

Homework: none

Supplies: Tennis shoes. In the event of rain, we may still try and play outside, but all students would need to bring a second pair of shoes to wear into the building for the rest of the day.

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8th-12th

Early 19th Century British Literature

Class #: 620 **Class Time:** 10:00 - 10:55 **Teacher:** Kelly Ballard

Fee(s):	Class Fee	Teacher Fee	Building Fee
	\$10.00	\$50.00	\$10.00

Description: Early 19th Century Literature delves into literature topics such as: tone, character, vivid descriptions, persuasive writing, imagery, poetic language, setting, point of view and humor. Class will use four novels (Pride and Prejudice, Ivanhoe, Frankenstein and Jane Eyre) and poetry selections to learn literary analysis and write literature papers. Student should be competent with the five paragraph paper and familiar with grammar/punctuation concepts.

Homework: Heavy to medium reading weekly, written answers to discussion/comprehension questions weekly and papers throughout the semester. 3-4 hours a week possible.

Supplies: <https://www.hewitthomeschooling.com/Materials/mlItem.aspx?id=8074>
This link will take you to the complete package for the semester. It does include the teacher guide. It is up to you if you want to have it at home to help you help your student. Student text and the four novels are required texts for the class (the editions that Hewitt sells only, please). Pen, paper and binder/folder that can keep you organized.

Math-U-See Algebra II

Class #: 630 **Class Time:** 11:00 - 12:00 **Teacher:** Jean Booker

Fee(s):	Class Fee	Teacher Fee	Building Fee
	\$10.00	\$50.00	\$10.00

Description: This class will use Algebra II published by Math-U-See, Inc. Topics covered in this course are: exponents, rational expressions, scientific notation, radicals, factoring, solving equations, imaginary and complex numbers, conjugate numbers, quadratic formula, discriminants, unit multipliers, motion problems, graphing, parabola, hyperbolas, chemical mixtures, vectors, and more.
This is a 15 week, 2 semester course.

Homework: Students will be required to complete five or six lesson practice sets per week. Parents will check the homework, and students will bring completed and corrected homework to class. Instructor will spot check homework and grade tests. Expect to spend a minimum of 5 hours weekly on homework. There is an honors component, which may be done at home for extra credit, and may be covered in class as time permits.

Supplies: Math-U-See Algebra II Instruction Pack and Student Kit (The edition currently available on the Math-U-See web site). Students will also need notebook paper, graph paper, calculator, pencil, ruler and binder.

Praise and Worship Band

Class #: 718 **Class Time:** 10:00 - 10:55 **Teacher:** Lavonne Hernandez

Fee(s):	Class Fee
	\$15.00

Description: In this class we will be exploring the dynamics of worship music as it relates to a worship team and band. This is for those who can play instruments in a band setting and for those who lead worship vocally in a worship setting. We will instruct on choosing songs, leading a team, transitions, following God's direction and leading, and have plenty of opportunities to worship and develop a team worship experience. Bring your guitars, amps, microphones, bass, keyboard, drums (if you have them) and let's lead in Worship.

Homework: I will assign 2-3 songs for you to practice at home each week. You will need to set aside 1-2 hours a week to learn and practice these songs so that you will be ready to rehearse as a team every Monday and lead worship from the stage for PATH assembly during lunch.

Supplies: Instrument and gear are not provided. You will need to bring your own.

