

PATH Fall 2010 - Course Catalog

100 Words Every High School Graduate Should Know

Class #: 6502 Class Time: 2:00 - 3:00 Fee: \$5.00 Teacher: Lacey GomeI

Description: Using the book published by the American Heritage Dictionary "100 Words Every High School Graduate Should Know" we will learn 10 new words each week which will help all of us on college entrance testing, in college reading, and reading in our daily lives! We will discuss each word, look it up in the dictionary, record it in our notebooks, and play various games to help us remember our newly acquired words.

Homework: None, just keep a look out for our vocabulary words in your everyday reading.

Supplies: General school supplies, a class notebook will be provided by the teacher. If each student could bring a good college dictionary to use in class that would be great, but I will bring a few too and we can share.

Advanced Biology (Hour One)

Class #: 9402 Class Time: 1:00 - 1:55 Fee: \$50.00 Teacher: Laura Miller

Description: Advanced Biology: The Human Body. This class, which can also be called Anatomy and Physiology is an AP (Advanced Placement) class for students who have completed Biology I and have had basic chemistry. We will study in detail the anatomy and physiology of the eleven organ systems of the human body. We will be amazed at the detail and complexity of how our entire body works together, from the endocrine system to the skeletal system. For example, we will explore at length how the cardiovascular system works separately and yet hand in hand with the pulmonary system. We will learn how the coagulation of blood works like the cascading of dominoes. I am excited to teach this class as this has been a passion of mine for 25 years and I hope that students will catch my enthusiasm. We will also have a weekly lab to coincide with the weekly lesson.

Homework: weekly assignments, in-class quizzes, take-home tests, lab notebook and class notebook

Supplies: TBA

Advanced Biology (Hour Two)

Class #: 9503 Class Time: 2:00 - 3:00 Fee: \$0.00 Teacher: Laura Miller

Description: This is the second hour of instruction in Advanced Biology. Students must be enrolled in both hours to get credit for the class.

Homework: see first hour class description

Supplies: see first hour class description

Adventures at Sea

Class #: 121 Class Time: 10:00 - 10:55 Fee: \$10.00 Teacher: Laurie Cronan

Description: We will be learning a lot of information about oceans in a fun format, including topics such as waves, currents & tides, pirates, boats, ships & shipwrecks, environmental awareness, ocean animals, coral reefs & their animals, deep dark depths, icy seas, beaches & islands. Most classes will have hands-on activities or a craft. We'll also add pages to our ocean notebook for take-home. During the last class, we'll have a fun luau with food and activities.

Homework: Minimal - we may have one "project" to search for "kelp in your kitchen"...

Supplies: crayons or map colors, glue sticks, scissors

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Algebra I

Class #: 601 Class Time: 8:00 - 8:55 Fee: \$15.00 Teacher: Susan Chontos

Description: For this class we will be using the Saxon Algebra 1 textbook (3rd ed). This is an intensive thirty-week course, with fifteen weeks each semester. Prerequisite: mastery of 7th grade math materials, including multiplication facts. The corresponding DIVE cd would be helpful, but is not required. We will begin our class one week earlier than the rest of co-op in order to have time to finish all of the material.

Homework: Students will be required to complete four lessons (thirty problems) and one test per week. Each of the four lessons takes approximately 1-1/2 hours. Parents will be required to grade the homework daily and administer the test weekly.

Supplies: Students will need the Saxon Algebra I 3rd Edition Homeschool Kit, which includes the student text, test booklet, and solutions manual. Please also provide a 1-inch binder to hold quizzes/handouts/tests, a spiral with two sections, pocket folder, pencils, graph paper, and a scientific calculator.

Algebra I (hour 2)

Class #: 6102 Class Time: 9:00 - 9:55 Fee: \$0.00 Teacher: Susan Chontos

Description: This is the second hour of instruction in Algebra I. Students must be enrolled in both hours to get credit for the class.

Homework: Students will be required to complete 4 lessons and one test per week. Each of the four lessons takes approximately 1-1/2 hours at home.

Supplies: Students will need the Saxon Algebra I 3rd Edition Homeschool Kit, which includes the student text, test booklet, and solutions manual. Please also provide a 1-inch binder to hold quizzes/handouts/tests, a spiral with two sections, pencil, graph paper, and calculator.

American Girl - Kaya

Class #: 341 Class Time: 1:00 - 1:55 Fee: \$13.00 Teacher: Kristina Cox

Description: Experience Kaya's world! We'll read 6 Kaya books, spend time around her special home, and learn more about the traditions and way of life of the Nez Pierce Indians. We'll learn what the world was like in 1764, share life's lessons with Kaya (from a Godly perspective), create special crafts, play Native American games, and taste some of the foods she ate. Aa-heh!

Homework: Students will be required to read all of the Kaya books as assigned.

Supplies: regular school supplies, paint smock, access to 6 Kaya books

American Girl : Kirsten

Class #: 336 Class Time: 11:00 - 12:00 Fee: \$10.00 Teacher: Michelle Cotnoir

Description: Experience the life of an American Girl during the 1850s. Kirsten Larson and her family moved from Sweden in 1854 to make a new life on the Minnesota frontier. We will read the 6 Kirsten books, as well as do crafts and cooking projects to help us understand how people lived at that time.

Homework: Students will be required to read the 6 Kirsten books.

Supplies: Regular school supplies and a paint smock; access to the 6 Kirsten books

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Anatomy and Physiology

Class #: 6404 Class Time: 1:00 - 1:55 Fee: \$15.00 Teacher: Jennifer Cash

Description: Using the Body by Design by Alan Gillen, The Human Body by Dr. Wile and God's Design for Life by Answers in Genesis as our guides, students will explore body systems and see how God designed our bodies to be truly amazing. They will venture into the skeletal system, muscles and the nervous system for the fall and study the brain and the eye and ear in the spring. In every section we will explore how the wonder, beauty, and reaction of the human body provide evidence of Creation. Students will also explore some diseases and learn how we can keep our bodies healthy. They will learn with a power point presentation, visual aids, and games to help with memory retention and charts, and some hands on. This course will be designed for the basic student with need to learn about the body or for those who would like to get high school credit for A&P, thus a 2 semester course (for credit). For non high school credit a student may join or leave this class in the spring without any difficulties. This class will be good for the younger students who want to develop independent learning skills and responsibility for turning in homework, and experience a grading system without the time commitment or expense of a 15 week class. I suggest High School credit work for only strong 8th graders and above.

Homework: The homework will be based on a level system due to grade level variances and each family's goals and requirements for this class. If you plan to make this a high school credit A&P, there will be greater homework requirements. The basic homework for all students will include reading informational sheets and library reading, worksheet reviews and completion of any projects not done in class. I will have a syllabus and weekly emails to aid. I will discuss through email each family's needs for this class and goals. I will send out biweekly notes to know how homework status is going. High school credit will have additional work at beginning and end of the semester at home (to equal 15 weeks) - this will be additional reading, online videos and review questions. A possible one day field trip will also be required for the high school credit group.

Supplies: Basic School supplies including sissors, glue and coloring markers and a folder or binder. If the student elects to go to the next level and count this course as high school A&P, then he or she will also be required to have a text: Body by Design: You are Fearfully and Wonderfully made by Alan Gillen or The Human Body: Fearfully and Wonderfully made by Dr. Jay Wile (Apologia 4th printing). I will be able to aid you in this decision prior to the start of classes.

Art and Science with Eric Carle

Class #: 5205 Class Time: 2:00 - 3:00 Fee: \$10.00 Teacher: Kathryn Sowell

Description: Are you a very hungry caterpillar or a very busy spider? Then come experience nature through the books of Eric Carle. Besides learning about insects and other animals, we will find our own artistic expression through painting and collage art.

Homework: N/A

Supplies: paint shirt, basic school supplies

Art Journaling

Class #: 6209 Class Time: 10:00 - 10:55 Fee: \$7.00 Teacher: Susan Wright

Description: An art journal is a journal where you combine art and words to express yourself. You might think of it as a notebook for creative brainstorming, or a scrapbook of your ideas, thoughts, and dreams. And you don't have to be an artist to enjoy art journaling. I will provide you with mixed-media techniques, prompts, and encouragement to get you started.

Homework: gesso and/or paint sketch book pages, collect old magazines, cards, or photos-maybe 30 minutes a week

Supplies: spiral-bound sketch book, gesso, watercolors, watercolor crayons, thin permanent black writing marker, gluestick, scissors, markers, crayons. Optional supplies-watercolor pencils, gel pens, colored pens.

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ARTS Attack!

Class #: 311 Class Time: 9:00 - 9:55 Fee: \$15.00 Teacher: Laurie Cronan

Description: DVD supplemented Art curriculum for homeschoolers. Teaches each child how to EXPRESS him/herself through art! Students learn to see and experience the world in a different way. Students learn basic art concepts (line, color, shape & form, texture & pattern, space, drawing, and self-expression) and are exposed to a variety of techniques and media. We will also study the art of other famous artists, cultures, and historical periods. Students watch a brief (10 min) video showing the lesson and concepts, then they are led by the teacher in expressing themselves using the concepts covered.

Homework: None

Supplies: Students need to provide basic school supplies: glue, crayons, scissors, crayola markers. **Teacher will provide class specific materials needed such as modeling clay, construction papers, paints, brushes, curriculum, etc.**

Author, Author!

Class #: 6301 Class Time: 11:00 - 12:00 Fee: \$5.00 Teacher: Kristina Cox

Description: This class is for anyone who dreams of being an author! We will explore different types of writing genres/styles and apply our own ideas to these different styles. We will learn our own writing strengths and develop them by sharing in class and writing on our own. Students are expected to have completed one writing style assignment every week for the first weeks. The last few weeks are spent on perfecting the student's favorite story or writing genre. This is a great way to start a writing portfolio!

Homework: Students will complete one writing assignment each week.

Supplies: Access to home computer/word processor, basic school supplies

Autumn Nature Study

Class #: 141 Class Time: 1:00 - 1:55 Fee: \$12.00 Teacher: Nikol Blair

Description: In this class we will lay a foundation for formal science by increasing your child's skills of discovery, recognition and identification. We will observe the seasonal changes, wild life (bugs!), plants, and weather through drawing, crafts, activities, reading and journaling. Your child will learn more about the wonder and beauty of their everyday surroundings while cultivating a love for God as the Creator.

Homework: N/A

Supplies: Pencils, crayons, glue, scissors

Basketball

Class #: 337 Class Time: 11:00 - 12:00 Fee: \$5.00 Teacher: Susan Bryant

Description: This class will teach the fundamentals of basketball including how to shoot, how to play good defense, and how to dribble. The first half of the class will be spent on basketball skills. The other half will be a scrimmage so that you can take what have you learned and apply it in a game environment. Be ready to play! Boys and girls are welcome. This class will be taught by Chase Bryant.

Homework: Practice

Supplies: Appropriate clothing and shoes and a bottle of water!

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Beautiful Beading

Class #: 6207 Class Time: 10:00 - 10:55 Fee: \$35.00 Teacher: Joanne Mott

Description: This is a project class for anyone who would like to learn how to bead with different types of materials and techniques. Some of the projects we will work on include (but will not be limited to): a beaded lanyard, a charm bracelet (from scratch), an illusion necklace, a wire and bead necklace, a pearl & cord necklace, a double strand bracelet, earrings to match our necklaces/bracelets, and a bead and charm bookmark.

Homework: None. Students may need to work on projects to finish them if they don't complete them in class.

Supplies: Student to supply: Bead tools (Michaels has a 5 tool set for \$9.99- and with a 40% off coupon from either Michaels or Hobby Lobby (Michael's accepts Hobby Lobby coupons). This is a good price --about \$6.00. Also required are scissors, a bead board, and a charm of their choice for their bookmark (Hobby Lobby has a good variety of inexpensive charms). They may also want a crimper tool. This tool does not come in the set, but is nice to have in order to make a neater, more rounded crimp. They can use a different tool to crimp their crimp beads from the set of tools above, but it may not be as nice a finish. The crimping tool would be used for at least 5 of the projects.
Instructor to supply: All beads, wire, string, cording, and findings (clasps, jump rings, earring findings, crimp beads, cord endings, lanyard holder, head pins and eye pins, spacers, etc.) required to make each project. Also provided will be a felt bead mat, which will be used when a bead board is not needed.

Becoming A Young Man of God

Class #: 6506 Class Time: 2:00 - 3:00 Fee: \$20.00 Teacher: Lawrence Harrison

Description: This course, offered for 6th through 8th grade boys, will take students through a ten week series on what it means to be a man of God in today's secular world. We will discuss societal myths about manhood and the reality of what it means to be a young Christian man. Topics discussed will include Removing Our Masks, The Media's Portrayal of Manhood, Standing Up To Peer Pressure, Sexual Temptations and Purity, Discovering Our True Identity, Having A Genuine Relationship with Jesus Christ, A Young Man's Role in the Church, and Engaging in Ministry. There will be frank discussions on biblical sexuality and dating. The class will meet until 3:15pm...students must be available for the entire 75 minutes each week to enroll.

Homework: Homework will be distributed each week. These assignments should only require 15-30 minutes to complete.

Supplies: basic school supplies, pocket folder, Bible

Biology Hour 1 (Apologia)

Class #: 6401 Class Time: 1:00 - 1:55 Fee: \$50.00 Teacher: Lisa Stevens

Description: Exploring Creation With Biology is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, history of evolution theory, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. We will meet two hours per week, one hour for lecture/ tests and one hour for labs. This is a 15-week/2 semester course.

Homework: A minimum of 3 hours per week to meet requirements for high school credit.

Supplies: Exploring Creation with Biology by Dr. Jay Wile (2nd Edition), a 2 inch 3-Ring Binder with 16 dividers; pencils/pens, notebook paper, colored pencils, highlighters.

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Biology Lab Hour 2 (Apologia)

Class #: 6501 Class Time: 2:00 - 3:00 Fee: \$0.00 Teacher: Lisa Stevens

Description: The 2nd hour of Biology is a lab hour.

Homework: Some outside gathering and observation will be required.

Supplies: colored pencils

Boxcar Children Unit Study

Class #: 326 Class Time: 10:00 - 10:55 Fee: \$6.00 Teacher: Melissa Smith

Description: Each week we will be reading The Boxcar Children written by Gertrude Chandler Warner in 1942. We will reference the curriculum Beyond Five in a Row and create our own unit study by discussing and doing activities around the book in the areas of Science, Language Arts, Fine Arts, History and Geography, etc. We will create a notebook to include all the things we learn.

Homework: Very little - possibly small amount of reading if we do not get finished in class or they may need to finish something we were working on if we don't get done in class.

Supplies: Everyone needs their own copy of The Boxcar Children (the first one in the series.) Most libraries have several copies and it is also usually available at Half Price Books and Amazon.com. The students also need basic school supplies and the rest will be provided.

Bullseye I

Class #: 6410 Class Time: 1:00 - 1:55 Fee: \$15.00 Teacher: Barbet McLain

Description: This is an introductory archery course. You are encouraged to bring your own archery equipment if you already have some. Shooting will occur outside, so remember to dress appropriately. Archers will be taught principles of shooting, bow structure, the history of archery, etc.

Homework: none

Supplies: armguard (optional), shooting tab or shooting glove. These supplies may be found at: Academy, Bass Pro Shop, Wal-Mart Super Centers or Outdoor Pro Shop.

Calculus I (Hour 2)

Class #: 9002 Class Time: 9:00 - 9:55 Fee: \$0.00 Teacher: Simon Santillanes

Description: Continued from zero hour class #902.

Homework: N/A

Supplies: N/A

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Calculus I (Hour One)

Class #: 902 Class Time: 8:00 - 8:55 Fee: \$40.00 Teacher: Simon Santillanes

Description: In the summer of 1665, during his summer break from college, Sir Isaac Newton developed Calculus as a shortcut in solving problems of mathematical physics. This semester we will master the basic ideas of Functions, Limits, Continuity, Differentiation, Derivation, and Conics. This course utilizes real life examples to assist the student in grasping the concepts and retaining them long term. This course is for the serious student. Inasmuch as this will be a formal class based on a college course, it will also banish the fear of "doing hard math". Calculus can be cool and fun. This is a two semester, 15 week class.

Prerequisites: Thorough command of Algebra. (If using Saxon, the student must have mastery of the Advanced Math course level.)

Bonus I: If taken concurrently with upper level biology and general physics, the student will be able to directly apply the mathematical models to the scientific problems.

Bonus II: Upon successful completion of this course and of Calculus II, there can be a reasonable expectation that the student would be able to test out of college level Calculus.

Homework: Several hours required each evening.

Supplies: graphing calculator preferred

Can't Miss Book Club

Class #: 322 Class Time: 10:00 - 10:55 Fee: \$5.00 Teacher: Carol Rosenberg

Description: We will be reading 5 books during the 10 weeks we are together. In addition to reading the books, we will do activities that reinforce what we learned in the book. We will be reading books that are of interest to boys such as *Where the Red Fern Grows* and *Tale of Despearux* and books that appeal to girls such as *Charlotte's Web* and *Because of Winn Dixie*. I have also picked the book *Number the Stars* because I thought it might appeal to both boys and girls. As a 6th (bonus book) I am adding *A Wrinkle in Time* to the reading list as well. We may not get to it, but it looked like a good book.

Homework: Continue reading through the current book so that we can be ready to discuss in class.

Supplies: Chosen book (can be found at libraries), general school supplies.

Castles, Knights and Nobles

Class #: 122 Class Time: 10:00 - 10:55 Fee: \$10.00 Teacher: Kathryn Sowell

Description: Come all Lords and Ladies as we learn about castles and castle life. This class will study castle architecture, arts and crafts, customs and foods, and so much more!

Homework: None

Supplies: paint shirt, basic school supplies

Chemistry Hour 2 (Apologia)

Class #: 9502 Class Time: 2:00 - 3:00 Fee: \$0.00 Teacher: Brian Reid

Description: The 2nd Hour of Chemistry is a lab.

Homework: N/A

Supplies: N/A

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Clay Creations

Class #: 346 Class Time: 1:00 - 1:55 Fee: \$9.00 Teacher: Susan Wright

Description: Polymer clay is an awesome plastic modeling compound that stays soft until baked in an oven. We will create fun and totally cool projects-including some Christmas ornaments-with polymer clay.

Homework: N/A

Supplies: clay roller, clay blade, clay (amounts and colors will be sent out with syllabus), small jar with a lid, light switch plate, and an Altoids mint box

Conversational German

Class #: 6405 Class Time: 1:00 - 1:55 Fee: \$5.00 Teacher: Judy Villarreal

Description: Our text will be "German in 10 Minutes a Day". I've met with the author, and German is her passion, having taught it for over 20 years. Personally, having lived in Frankfurt for 2 years and having minored in German in college, I think that this text gives a very usable and practical introduction to the language without fine details of grammar, which can come later after an enjoyment of the language has begun.

Homework: Homework will not be labor intensive, just reading, reviewing, practicing. I want this to be enjoyable!

Supplies: The book, "German in Ten Minutes a Day" which comes with a learning DVD. (I bought my copy last year at a booth at the Homeschool Book Fair in Arlington.)

Cook-A-Book - Recipes for Reading Fun!

Class #: 5104 Class Time: 1:00 - 1:55 Fee: \$15.00 Teacher: Jill Scott

Description: Using wonderful children's literature, we will enjoy a simple cooking project each week related to the theme of a chosen book. Children will have fun while strengthening skills in language development, sequence skills, and listening skills. The theme will be further developed through a variety of learning activities. Of course we will also enjoy eating our yummy treats!

Homework: None

Supplies: Smock or Apron

Creative Cards and More!

Class #: 6309 Class Time: 11:00 - 12:00 Fee: \$25.00 Teacher: Terri Wilson

Description: Just cards? Oh no! Just cut and paste? Oh no! You'll get hands on experience with stamping, dry embossing, heat embossing, watercolor pencils, paper punches, a little bit of scrapbooking and even get to use a Cricut die cut machine! 10+ very different projects with a different technique every week. Hang out and make some cool projects that you may not want to give away.

Homework: None

Supplies: Sharp pointy scissors and adhesive (continuous tape roll like Tombo, but brand of your choice is fine - glue sticks are not strong enough)

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Dodgeball

Class #: 6109 Class Time: 9:00 - 9:55 Fee: \$5.00 Teacher: Deborah Rowan

Description: Let the games begin! We will play traditional dodgeball (trying to hit players on the other team with ball) and other variations of dodgeball. This will be a great way to start the day and get our juices flowing! Boys and girls are welcome!

Homework: N/A

Supplies: need appropriate gym shoes

Drama Fun 101

Class #: 6303 Class Time: 11:00 - 12:00 Fee: \$20.00 Teacher: Judy Villarreal

Description: Drama is a lot of fun and has many applications in life. We will work not only on basic staging, but on voice inflections, body language, facial expressions, etc., using reading, games, and role-play. The semester will culminate in a presentation on Family Night which I hope to be impressive!

Homework: Perhaps just practicing...No written work required to be turned in.

Supplies: I will, with the class fee money, supply what is needed. All I need is a willing attitude!

Draw Write Now: Autumn in America

Class #: 153 Class Time: 2:00 - 3:00 Fee: \$7.00 Teacher: Sheila Bloom

Description: Students will gain a greater appreciation and knowledge of God's hand on our country while also learning drawing skills such as perspective, proportion, and space. Each week will focus on a different topic from Christopher Columbus and Native American Indians, to Fall and Harvest time. We will read a story about our topic, learn how to draw it, then write a short sentence or two about what we have learned.

Homework: None

Supplies: Pencil, sharpener, eraser, crayons or colored pencils (not markers)

Early American History - Pilgrims

Class #: 6504 Class Time: 2:00 - 3:00 Fee: \$15.00 Teacher: Jennifer Cash

Description: We will learn about Jamestown, Christopher Columbus, the Pilgrims, the Mayflower voyage, William Bradford, Squanto, the Wampanoag Indians, Colonial Life, the 1st Thanksgiving, and the 13 colonies. This historical information will be taught in an enjoyable, living book format using the Magic Tree House research guide as part of our guide/text. We will learn through reading, games, map skills, and other related projects. Students need to be able to read aloud, write and copy from the board. This class will include 3rd-8th graders. Great unit study for families to continue learning throughout the week.

Homework: There will be some homework each week to continue to aid the student in learning and recall of information taught. The assignments will be fun pages, or reading comprehension sheets, reading of chapter book, library reading, completion of projects if not done in class. This will all to aid in retention of information.

Supplies: Basic School supplies with special need to make sure to have scissors, glue, and map colors. The Magic Tree House Research Guide: Pilgrims will be needed as the text. You can purchase this at Barnes and Nobles for \$4.99, or on line, or 1/2 price book store.

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Ed Emberley Drawing

Class #: 334 Class Time: 11:00 - 12:00 Fee: \$9.00 Teacher: Kim Wallar

Description: If you love to draw or you are a first-time drawer, this class is for YOU! Join us as we learn to draw the Ed Emberley way. Using simple shapes, we will create a variety of fun and wacky things, such as animals, people, ships, planes and much, much more! Grab your pencil and join the fun!

Homework: None

Supplies: Please make sure you have sharpened pencils and colored pencils for every class. All other supplies will be provided.

Excellence in Writing I

Class #: 332 Class Time: 11:00 - 12:00 Fee: \$5.00 Teacher: Lavonne Hernandez

Description: Students will enjoy immediate success in writing through this simple and specific method of writing instruction. Even the most reluctant writers will feel encouraged. The Excellence in Writing method teaches both style and structure. This semester will focus on the essay or nonfiction structure. The style techniques taught can be applied to creative writing as well as essays. Homework for this class can be blended into your own curriculum with writing assignments taken from your own history or science. There will be a MANDATORY parent meeting before the semester starts to explain the basics of the Excellence in Writing Program. The Excellence in Writing Seminar DVD's (9 hr seminar) will be available for checkout by parents of students in this class.

Homework: Students will have 1- 1.5 hrs of homework / wk.

Supplies: three ring binder to be used only for Excellence in Writing class

Excellence in Writing II

Class #: 342 Class Time: 1:00 - 1:55 Fee: \$5.00 Teacher: Lavonne Hernandez

Description: We will learn more advanced dress-ups and sentence openers this semester. Writing well is a needed skill in so many areas of life! The art of articulating your thoughts will be emphasized this semester, lending way to public speaking. Students will have opportunity to practice sharing their work in front of the rest of the class.

Homework: 1-1.5 hours per week. The time needed to complete assignments varies with each student's writing ability, and will increase as the semester progresses.

Supplies: 3 ring binder from last semester

Exploring Creation with Astronomy

Class #: 323 Class Time: 10:00 - 10:55 Fee: \$20.00 Teacher: Susan Zebe

Description: Join me as we go on an adventure to explore the nature of the universe thru astronomy. Our travels will take us from the Sun towards Pluto. The student will learn details about all nine planets (or is it eight? - your student will have to decide) in the solar system. Along the way, the student will also learn about Earth's moon, the asteroid belt, and the Kuiper belt. Our travels will take us past our solar system to learn about the stars and galaxies that make up God's incredible universe. Finally, the student will learn about space travel and what it takes to be an astronaut! Each class period will involve a hands-on project. This class will be a 20-week class. (10 weeks in the Fall and 10 weeks in the Spring)

Homework: Each student will be given a spreadsheet with reading assignments for the class on the first day. Also, a vocabulary/QA sheet will be sent home each week. We will keep a sticker chart of completed assignments. For every three completed assignments turned in the student will receive a special treat. We will go over the reading at the beginning of each class. Please note the 3rd grade students will have a different worksheet than the 4th-5th grade students.

Supplies: Apologia - Exploring Creation with Astronomy, pocket folder w/ brads and notebook paper, regular school supplies such as markers/crayons, glue and scissors

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Exploring Creation with Zoology II: Swimming Creatures

Class #: 333 Class Time: 11:00 - 12:00 Fee: \$20.00 Teacher: Lacey GomeI

Description: Using the Apologia Elementary Science book Exploring Creation with Zoology II: Swimming Creatures of the Fifth Day, we will learn about God's amazing undersea world, covering topics from whales to seals, sharks to crustaceans, squids to sponges and much, much more! We will keep a Swimming Creatures notebook, create an ocean box to take home, and perform fun experiments each week. This class will continue in the spring semester, and hopefully we can all take an aquarium field trip at the end of the year to impress our families with our new sea creature knowledge!

Homework: Weekly reading assignments will be given if the student would like to complete them and has access to the textbook at home. Also, any assignment not completed in class may be taken home for completion. This class will be fun and hands-on, but the student will get more out of it if he/she puts more into it.

Supplies: General school supplies will be needed to complete the notebook (supplied by the teacher.) IF you wish to purchase the textbook and read the material ahead of time a reading schedule will be given. This is not at all mandatory, but it is an awesome book.

Flying, Floating, Flipping Science

Class #: 131 Class Time: 11:00 - 12:00 Fee: \$15.00 Teacher: Linda Townsend

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

Foundations of American Government

Class #: 9302 Class Time: 11:00 - 12:00 Fee: \$25.00 Teacher: Julie Avedikian

Description: Using The Everything American Government Book by Nick Ragone and the Constitution of the United States of America as our guides, we will explore our country's form of government. Who were our Founding Fathers? Why and how did they write the longest lasting Constitution in the world? We will explore each branch of our government and how the role of each one is defined. The Constitution has been amended 27 times. How have the amendments changed our country? We will discuss the Electoral College and the Election process. We will compare the U. S. Constitution to our Texas Constitution. How do county and local governments differ from federal and state? Access to the internet would be extremely beneficial, but is not required. This is a high school level course and can be counted as 1 semester credit. As a high school level course, homework is required (see below) and grades will be given. Note that the class fee covers the cost of the required text.

Homework: Students will be required to do assigned reading and studying each week to prepare for class quizzes and discussions. Students will also be given two short essay assignments. All homework is required to count for high school credit.

Supplies: Pen or Pencil, Paper for notes, 1/2" 3-ring binder. Important handouts will be given each week, so students must have a small binder for this class.

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Games to Go

Class #: 316 Class Time: 9:00 - 9:55 Fee: \$10.00 Teacher: Terri Wilson

Description: Fun in a box that goes where you do! Each week students will learn two new games and acquire the supplies to play. All pieces will fit neatly in to a carrying case which can be taken anywhere - leave it in the car to occupy some time while waiting on siblings, take it to appointments while waiting on mom, pack it for the car trip or visiting Grandma. Games to Go gives you a chance to practice some math skills and have some fun on the run!

Homework: None.

Supplies: None.

General Science (Apologia)

Class #: 6402 Class Time: 1:00 - 1:55 Fee: \$50.00 Teacher: Lacey Gomel

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. 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 (1st Edition) with solutions manual. Students may use the 2nd Edition, if preferred, as long as the instructor is notified as to which edition is being used. Basic supplies - paper and pencil.

Geography and World Cultures

Class #: 6406 Class Time: 1:00 - 1:55 Fee: \$15.00 Teacher: Maria Bemont

Description: Students will learn geography through hands-on piecing together of countries and by assembling geography maps in folders. This course will be taught in a historical, cultural, economic and political context. Students will research all of these weekly, and write short reports. The class will discuss how current events impact world geography. Students will also learn to exercise reasoning abilities and to develop an understanding of the Christian Worldview. Students will explore the impact of Christianity, and other world views on geography.

Homework: Approximately 2-4 hours per week in research and writing one page reports. Final reports will be presented on last day of class. All homework will be graded.

Supplies: standard school supplies

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Geometry - Seeing, Doing, Understanding - 1st hour

Class #: Class Time: 8:00 - 8:55 Fee: \$40.00 Teacher: Susan Zebe

Description: Geometry concepts are used each and every day by people who plan cities, build buildings, design systems and map the universe. Jacobs does a wonderful job of educating the student in the subject of Geometry by using practical applications to capture his or her interest. Your student will have an excellent grasp of Geometry when he or she completes this course. Prerequisites for this course include Algebra I and a basic understanding of geometric shapes, the relationships between lines and angles, circles, and the formulas for calculating perimeter, circumference, area, and volume. These "pre-geometry" skills can be picked up quickly via any pre-geometry workbook.

Homework: Students will have required homework assignments each week. Expected time requirement is approximately 1 hour a day. Parents will be provided with a solutions manual and are expected to grade the students homework. The students will be given a short quiz each week, a chapter test approximately every 2 weeks, a midterm and final exam.

Supplies: Textbook: Geometry - Seeing, Doing, Understanding 3rd Edition by Harold R. Jacobs required, Math on Call: A Mathematics Handbook published by Great Source strongly recommended. Graph Paper (5 blocks per inch - Tops 35502 - greenish colored paper), Pocket folder w/brads, pencils, eraser, compass, ruler, protractor

Geometry Seeing, Doing, Understanding - 2nd hour

Class #: 6104 Class Time: 9:00 - 9:55 Fee: \$0.00 Teacher: Susan Zebe

Description: This is the second hour associated with Geometry class #603. Students must be enrolled in both hours to receive credit for the class

Homework: Please refer to first hour description.

Supplies: Please refer to first hour description.

Guitar

Class #: 301 Class Time: 8:00 - 8:55 Fee: \$0.00 Teacher: Roger Vermeulen

Description: Music lessons can inspire, encourage, and motivate. 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. Each student meets with the instructor for 15 weeks, at a cost of \$20 per 30 minute lesson (paid directly to the teacher on a monthly basis). Roger Vermeulen is the Director of Providence Music Academy. www.ProvidenceMusicAcademy.com

Homework: 30 minutes of homework 5 times weekly will be required.

Supplies: Students will need to bring a guitar to PATH each week, as well as have access to one at home for practicing what they are learning each week.

Guitar

Class #: 328 Class Time: 10:00 - 10:55 Fee: \$0.00 Teacher: Roger Vermeulen

Description: Music lessons can inspire, encourage, and motivate. 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. Each student meets with the instructor for 15 weeks, at a cost of \$20 per 30 minute lesson (paid directly to the teacher on a monthly basis). Roger Vermeulen is the Director of Providence Music Academy. www.ProvidenceMusicAcademy.com

Homework: 30 minutes of homework 5 times weekly will be required.

Supplies: Students will need to bring a guitar to PATH each week, as well as have access to one at home for practicing what they are learning each week.

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Handwriting Without Tears

Class #: 142 Class Time: 1:00 - 1:55 Fee: \$10.00 Teacher: Sheila Bloom

Description: This fun and entertaining instructional method uses a variety of multi-sensory (visual, touch, listening and movement) teaching strategies. We'll be using music, movement, letter stories and blackboard (wet-dry-try) tools. The workbook provides a Learn and Check system to reinforce proper size and position as well as Review and Mastery through out. We will be learning printing methods by teaching easy letters first, beginning with capitals and then teaching letters in groups of similar stroke sequence. When students master easier skills, they are better prepared to learn more difficult groups—those prone to reversals or having diagonal lines.
Your child will learn the handwriting basics and develop a solid foundation to become proficient with letter formation, placement of letters on lines, spacing between letters and words, and differentiating the size of capital and lowercase letters.

Homework: Students will need to practice the 4-8 letters they have learned for up to 10 minutes per day during your schooling time each week. Workbook, paper and weekly email to parents with directions will be provided.

Supplies: Pencil and a positive attitude! :)

Having Fun with Maps and Geography

Class #: 132 Class Time: 11:00 - 12:00 Fee: \$10.00 Teacher: Amy Hina

Description: Students will have lots of fun learning US geography through songs, games, puzzles and various mapping activities. In this fun class, students will learn to read/use map legends, as well as begin to recognize the 50 states and where they are located

Homework: none

Supplies: basic school supplies

Jars Full of Gifts

Class #: 6407 Class Time: 1:00 - 1:55 Fee: \$35.00 Teacher: Joanne Mott

Description: Come join us as we put together breakfast foods, soups, desserts, dips & drinks, as well as a few bath products. All ingredients will be placed in jars that we will be decorating to keep or give as gifts for the holidays. Some of the foods will include (but may not be limited to): Gingerbread Pancakes, Tortilla Soup, Chili Mix, Cornbread, Veggie Dip, Fiesta Dip, Spiced Apple Cake Mix, Shortbread, a variety of cookies, additional soup mixes, and drink mixes. For our bath products, we will make body scrubs, oatmeal soap balls & bath salts.

Homework: None

Supplies: Students to Supply: Ingredients for each recipe (see below for teacher supplied items/ingredients). I will email all needed ingredients before semester begins and again on which weeks they will need to be supplied. Measuring cups and measuring spoons will be needed, unless the items are pre-bagged for each amount. A mixing bowl will be needed for certain weeks only -- I will let you know when the student needs to bring one.
Instructor to provide: 24 canning jars, canning funnel, buttermilk powder, olive oil, honey, peppermint oil, food coloring, wax paper, plastic wrap, and plastic bags. Along with these items/ingredients, fabric, ribbon, raffia, copies of recipes and colored/decorative paper will be provided for decorating the jars.

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Jonathan Park Audio Adventures

Class #: 343 Class Time: 1:00 - 1:55 Fee: \$7.00 Teacher: Julie Avedikian

Description: Not long ago our grandparents gathered around their radios and listened to the exciting adventures of the Lone Ranger and Little Orphan Annie. In that tradition first ICR and now Vision Forum, have created Jonathan Park. Come discover God's wonderful Creation with Jonathan Park and his friends. Each week students will listen to an exciting 30-minute episode of Jonathan Park, learning new and fascinating facts about the world God created. Students will learn what Evolutionists believe and how to use their knowledge of God's Creation to dispute those beliefs. Following our listening time, we will discuss the topics covered using the study guide materials published by Vision Forum. For more information about Jonathan Park, visit www.jonathanpark.com.

Homework: N/A

Supplies: Pencil and basic school supplies.

Jr. High Top Secret Adventures

Class #: 6409 Class Time: 1:00 - 1:55 Fee: \$5.00 Teacher: Jennifer Snyder

Description: Taken from the popular magazine "Highlights for Children", this class will take students on a trip around the world. We will work in groups to discover WHO did it, WHAT they did, and WHERE they did it. Students will have the opportunity to travel to 5 different countries as they solve riddles, complete puzzles, and crack secret codes in an effort to solve the case. Along the way they will learn interesting facts about each country's agriculture, national symbols, modes of travel, religion and more.

Homework: none

Supplies: Students need map colors and pencils each week.

K'Nex Bridge Building

Class #: 324 Class Time: 10:00 - 10:55 Fee: \$10.00 Teacher: Alicia Loran

Description: Build 5'-6' long replicas of real world bridges including the Sydney Harbor Arch Bridge (Australia), the Tower Bascule Bridge (London), the Astoria Truss Bridge (Oregon) and the Golden Gate Suspension Bridge (San Francisco). Define characteristics and the differences between the bridge types . . . why build a suspension bridge instead of an arch bridge? Investigate how different bridge types hold their loads and evaluate their strength and stability by loading them 'til they break.

Homework: N/A

Supplies: Pencil
Ruler

Kickball

Class #: 347 Class Time: 1:00 - 1:55 Fee: \$5.00 Teacher: Shannon Varner

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

Homework: None

Supplies: Proper attire, good sportsmanship, and a water bottle.

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Kid Tales: Using Imagination to Develop Early Writing Skills

Class #: 144 Class Time: 1:00 - 1:55 Fee: \$16.00 Teacher: Kendra Massey

Description: Children are creative creatures! Each week the students will engage in fun and creative oral and written storytelling activities that will serve as stepping stones on their journey towards becoming competent, creative writers...and readers. This fun and engaging class will incorporate various developmental writing techniques, such as The Daily News (modeling), story starters, journaling, picture prompts, experience stories, story sacks and felt bags, etc...to get those creative juices flowing!

Homework: Students will rotate taking home story sacks and felt bags throughout the semester. Story sacks contain a character, such as a stuffed animal, along with a journal. The children will have the opportunity to take the animal around with them wherever they go during their assigned week and journal all of their fun adventures. Felt bags contain felt pieces and a flannel board. The children can have great fun retelling their given story, such as Goldilocks and the Three Bears, or Cinderella, to themselves and members of their family during the week.

Supplies: Basic school supplies, including glue sticks, scissors, pencils, markers, and colored pencils.

Kid Tales: Writing Better Through Imagination & Experience

Class #: 352 Class Time: 2:00 - 3:00 Fee: \$16.00 Teacher: Kendra Massey

Description: Children are creative creatures!! They love to tell stories, either from their experience or from their imagination. Kid Tales is a class which will encourage children to share their many, wonderful stories and experiences. Students will be given tools to help organize their thoughts in such a way that their stories become more interesting to their audiences. They will also learn how to create descriptive sentences that help to paint a clearer, more vibrant picture in the mind of their listener/reader. Lots of practice will be given through such activities as publishing a class newspaper, weekly journal writing, story sacks, and an ever-changing prop bag.

Homework: A class newspaper will be published each week. Students will be assigned various types of articles through out the semester. Students will also rotate taking home story sacks and a "prop" bag throughout the semester. Story sacks contain a character, such as a stuffed animal, along with a journal. The children will have the opportunity to take the animal around with them wherever they go during their assigned week and journal all of their fun adventures. The Prop Bag will contain several props that the child will use to create a story from to share with the class. A story formula will be included for the child to follow to make sure their story contains all the elements of a good story.

Supplies: Basic school supplies, including glue sticks, scissors, pencils, markers, and colored pencils.

Kindergarten Kids

Class #: 5101 Class Time: 9:00 - 9:55 Fee: \$0.00 Teacher: Evelyn Yarnell

Description: KKids are always on a fantastic adventure! Using the literature-based curriculum of Five in a Row, your child will travel the world through classic stories, such as Lentil, Madeline, How to Bake an Apple Pie and See the World, Harold and the Purple Crayon, and many more. Through these much loved books, children will discover the worlds of science, geography, art, drama, cooking, and writing and illustrating their own stories. So join the journey and get ready for the fantastic adventure of learning!!!

Homework: N/A

Supplies: Labeled backpack with basic school supplies,pencils, markers, crayons. Please have student bring a sweater or a jacket every time as we will be going outside even in cold weather.

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Knights and Castles

Class #: 314 Class Time: 9:00 - 9:55 Fee: \$5.00 Teacher: Alicia Loran

Description: Girls and boys will enjoy the combination of Bible, history, legend, and art in this class. Art projects for this semester will include individual Motte and Bailey style mini castles, as well as a Coat of Arms shield. Projects will be done during class time. Other features include King David's castle imagery in the Psalms, The Armor of God, Famous Knight of the Week from the Bible, history or legend, and an Outdoor Mock Jousting Competition. No book is required. Materials will be provided in class. Homework will be some project brainstorming.

Homework: Some weeks will require brainstorming art project ideas.

Supplies: Pencil or pen, class folder, Sharpie markers - multi colored package, glue, double-sided tape, scissors,

Lego Robotics I

Class #: 6108 Class Time: 9:00 - 9:55 Fee: \$10.00 Teacher: Tricia Beaudreau

Description: Lego Robotics is a class for 6th-8th graders 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: 30 minutes/week

Supplies: Notebook, pencils, measuring tape or ruler

Lego Robotics III

Class #: 6210 Class Time: 10:00 - 10:55 Fee: \$10.00 Teacher: Tricia Beaudreau

Description: Lego Robotics 3 builds on the programming skills learned in Robotics 1 and 2, both of which are prerequisites for this class. In Lego Robotics 3, students will be learning some of the more advanced programming blocks as they construct and program LEGO® MINDSTORMS robots, brainstorm, and work as a team to solve logistical problems.

Homework: 30 minutes/week

Supplies: Notebook, pencils, measuring tape or ruler

Let's Build!

Class #: 152 Class Time: 2:00 - 3:00 Fee: \$12.00 Teacher: Michelle Graefen

Description: Children will learn some basic engineering terms while building with a variety of fun educational building sets. The children will be challenged to build a new design each week. There will be free time at the end of each class for students to use their minds and imaginations to build using different materials like Legos, Zoobs, K'Nex and Architecto Blocks.

Homework: N/A

Supplies: N/A

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Mad Scientist

Class #: 313 Class Time: 9:00 - 9:55 Fee: \$18.00 Teacher: Linda Townsend

Description: Hey Einstein! Are you always curious about why things work the way they do? If so, then you are ready to become a Mad Scientist. If you long to discover how to make your own stink bombs, edible glass, fake blood, oozing green slime, a tornado machine, fried marbles, a high speed balloon car (and so much more!) then this fun and entertaining class is perfect! We will learn about how experiments works, many bizarre facts, and who figured it out first.

Homework: None

Supplies: At this time, none that I am aware of. This may change as lessons are being further finalized. I will be sure to let all students registered know in advanced if something is needed.

Math Games for Mastery

Class #: 331 Class Time: 11:00 - 12:00 Fee: \$10.00 Teacher: Barbara Orozco

Description: Even though a child is age-appropriately in the 3rd thru 5th grades, their math level may or may not be at that level. This is particularly troublesome for the child who is below grade level. Sometimes, we have them practicing advanced processes even though they still struggle with the processes of addition and subtractions. Because children learn math the same way they learn everything else- by constructing their own knowledge, they will have to experiment with, explore and think about numbers before they really understand numbers and own the knowledge of how they work. Warm-up activities and games used within this class will allow each child to participate from his/her own math level as the games are tailored to the math levels of the class participants. So, whether your child is below/on/ahead of grade level, your child will be using and perfecting their current math knowledge while constructing new math skills. By involving your child in the activities/group games of this course, you will be giving him/her opportunities to build a firm foundation of mathematical knowledge AND build self-esteem and confidence related to math. And, because everyone is "required to play games", they don't even realize how hard they are working!

Homework: N/A

Supplies: 1 large bag of individually wrapped candy (i.e. tootsie-rolls, peppermints, etc.) Please be sure they are individually wrapped for cleanliness. If you child has food restrictions, please send a candy-type of item or a substitute which is safe for your child. Thanks!

Math-in-Action

Class #: 123 Class Time: 10:00 - 10:55 Fee: \$10.00 Teacher: Barbara Orozco

Description: Children learn math the same way they learn everything else- by constructing their own knowledge. Even if we teach or 'feed' a child math facts, they will have to experiment with, explore and think about numbers before they really learn about and understand numbers and how they work. By involving your child in the mental warmups and group games of this newly revised and updated course, you will be giving him/her opportunities to build a firm foundation of mathematical knowledge. Activities and games used will allow each child to participate, in a non-threatening environment, from his/her own math level as the activities/games are tailored to the math levels of the class participants. So, whether your child is below/on/above grade level, your child will be using and perfecting their current math knowledge while constructing new math skills. And, because everyone is "required to play games", they don't even realize how hard they are working!

Homework: N/A

Supplies: N/A

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Meet the Masters I

Class #: 6503 Class Time: 2:00 - 3:00 Fee: \$20.00 Teacher: Terri Wilson

Description: Meet the Masters is a multi-media approach to art appreciation. Students will learn about 5 artists utilizing an internet based display of images. Audio-visual presentations are followed by Learning Packet activities which help to reinforce the material presented (vocabulary, art elements, techniques). After learning about an artist, the students will then have the opportunity to work with various mediums in order to create artwork of their own in the style of the specific artist. Most likely the mediums used will include paints, drawing pencils, pastels, and oil pastels. No prior art experience needed (Meet the Masters II covers different artists than Meet the Masters I; you do not need to have taken one to enjoy the other).

Homework: Occasionally students may be asked to finish a hands-on project at home if they did not finish in class, but in general, there should be no homework. * NOTE: Parents wanting their student to complete an additional assignment, increasing the homework time, can do so and a writing assignment will be given to that student.

Supplies: Pencil is needed every week.

Mental Math

Class #: 321 Class Time: 10:00 - 10:55 Fee: \$5.00 Teacher: Shareen Feltner

Description: This is the class where kids' brains sweat, but at the end the students enjoy seeing how much they are capable of doing. Every week we will learn a certain strategy that will help children calculate in their heads, instead of using the standard paper and pencil approach. Pencils are needed to record the answers only. The skills learned in this class may be of a great asset to students who will use them in daily life as well as in their main math curriculum. A progress test is given at the end of the semester. This is a two semester class.

Homework: 20 to 40 problems per week to practice the strategies learned in the class

Supplies: 3-ring-binder with 3 dividers and some filler paper, regular school supplies

Mind Games

Class #: 134 Class Time: 11:00 - 12:00 Fee: \$12.00 Teacher: Michelle Graefen

Description: In this social environment, children will develop good sportsmanship, teamwork, and skills of strategy while they learn and have fun all at the same time. Children will play a different game every week. Students will have a chance to practice a variety of previously learned skills from the content area of math, science, and reading while using problem solving, logic, and strategy to play at the top of their game.

Homework: N/A

Supplies: N/A

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Money Math

Class #: 356 Class Time: 2:00 - 3:00 Fee: \$12.00 Teacher: Maria Bemont

Description: This class will cover basic economics concepts as well as handling money. Topics will include how pricing is affected by supply and demand, what are goods and services, comparison shopping, budgeting, banking, interest and credit. Students will learn to create a budget, make wise decisions with their money, have a basic understanding of how checks and credit cards work and understand the consequences of their spending choices. Concepts will be taught with several hands on exercises and games.

Homework: If any worksheet portions of the class exercises are not finished, students will need to finish them at home, to reinforce the concepts. Students will get to keep track of their spending, or want of spending, to show the difference in financial situation when one spends without restraint.

Supplies: Standard school supplies

Munchie Math

Class #: 151 Class Time: 2:00 - 3:00 Fee: \$12.00 Teacher: Amy Hina

Description: Learning Math is a treat as students experience dozens of skill-building activities using edible manipulatives. Some of the fun activities will include Shopping for Snacks, Poppin' for Addition, Subtraction-Story Snack Problems, Cereal Sorting, Marshmallow Measurement, Pretzel Clock Hands, Taste-Test Graphing, A Feast of Fractions, Creating Shapes, and Delicious Dominoes.

Homework: None

Supplies: basic school supplies

No Bake Make And Take Peanut Butter Free

Class #: 355 Class Time: 2:00 - 3:00 Fee: \$10.00 Teacher: Tammy Hood

Description: Children will make yummy desserts in class to enjoy at home, such as Oreo Balls, Peppermint Bark and Rocky Road Bars. Students learn how to prepare snacks following simple recipes and cooking techniques.

Homework: None

Supplies: Ingredients for each recipe, mixing bowls and spoons, as well as something to take home their delicious creations in.

Physical Science (Apologia)

Class #: 6403 Class Time: 1:00 - 1:55 Fee: \$50.00 Teacher: Lisa McNeme

Description: Using the text Exploring Creation with Physical Science by Apologia, this course discusses such topics as the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, Newton's Laws, gravity, and astrophysics. We will meet for 15 weeks for 2 semesters. This course is recommended for students 8th grade and up. Students should have completed 7th grade math before taking this class.

Homework: In order to receive full high school credit for this course, student must spend a minimum of 3 hours per week at home.

Supplies: Apologia Exploring Creation with Physical Science by Dr. Jay Wile. (2nd Edition), pen or pencil. Parents may also want to purchase the solutions manual and CD-rom for this course if they feel it would help their student at home.

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Practical Logic and Reasoning

Class #: 6105 Class Time: 9:00 - 9:55 Fee: \$5.00 Teacher: Marc Cotnoir

Description: Good reasoning is important because we need to understand the truth and not be misled. In this class we will learn to recognize logical fallacies which you meet every day on TV, through the internet (ex: email chain letters), college classes, etc. Each week we will review different types of logical fallacies and discuss practical examples. By the end of the semester students should see the value of good reasoning, learn how to spot many forms of bad reasoning and avoid using fallacies in their own reasoning.

Homework: No homework will be required.

Supplies: The book 'The Fallacy Detective' by Nathaniel and Hans Bluedorn is recommended but optional.

Pre-Algebra/Algebra 1/2

Class #: 6101 Class Time: 9:00 - 9:55 Fee: \$25.00 Teacher: Lisa McNeme

Description: This class is for 6th to 8th grade students. We will be using the Saxon Algebra 1/2 textbook, 3rd ed., for our 30-week course (15 weeks each semester). The corresponding DIVE cd is optional for the student to purchase and view at home, but it is not required.

Homework: Students will be required to complete four lessons and one test per week, and parents will grade the homework.

Supplies: Saxon Algebra 1/2 3rd Edition Homeschool Kit which contains Student Textbook, Test Booklet and Solutions Manual. Students also need 1 Pocket folder, paper.

Pre-K

Class #: 4101 Class Time: 9:00 - 9:55 Fee: \$0.00 Teacher: Rebecca Atmakur

Description: 4 year old children will enjoy classic stories shared through the Before Five in a Row curriculum. There will be lots of fun, hands-on activities as the children explore math, science, art, music and reading readiness concepts.

Homework: N/A

Supplies: paint smock, crayons, scissors, markers, glue stick, backpack

Pre-K Playground!

Class #: 4401 Class Time: 1:00 - 1:55 Fee: \$15.00 Teacher: Cassie Heatley

Description: Your PreK child learns so much through play, so we are going to take advantage of that!! We will discover weekly themes through centers, outside play, books, videos(Magic School Bus) and crafts. Some themes include Rainbows/Colors, The Human Body, Spiders, and Baking!

Homework: None

Supplies: Labeled backpack with crayons, scissors, markers, pencils, and a glue stick.

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Preschool Spanish & Music

Class #: 4201 Class Time: 10:00 - 10:55 Fee: \$2.00 Teacher: Anne Marie Miller

Description: Students will have a wonderful hour learning Spanish through songs and stories, as well as a time of music and movement!

Homework: N/A

Supplies: N/A

Proverb 31 Woman

Class #: 6505 Class Time: 2:00 - 3:00 Fee: \$15.00 Teacher: Kim Wallar

Description: Together we'll explore areas in our lives and homes that can be a reflection of Jesus Christ. We will learn to prepare ourselves to faithfully serve God as young ladies. Also, you will learn practical skills to make your home a haven. We will learn basic sewing, create balanced meal planning, explore and practice rules of table etiquette, how to make homemade bread and several other projects. Weekly, we'll consider the character traits of the Proverbs 31 woman. How does she relate to our day and age? Drawing from God's Word, the book Keepers At Home, and Polished Cornerstones, we're sure to have a fun and profitable class.

Homework: very minimal homework

Supplies: regular school supplies, 3-ring binder with plastic cover, Bible

Purity From the Inside Out

Class #: 6408 Class Time: 1:00 - 1:55 Fee: \$6.00 Teacher: Melissa Smith

Description: Newly revised Bible study on delighting in God with passionate purity! Taught and written by Maggie Smith. I am a 17 year old and am looking forward to sharing my passion for purity in Christ with other young ladies! This Bible study combines what I've learned from my own study of the Bible with information from Christian books I've read. Discussion based with visual aids, personal journals for individual study, and an online forum for out of class discussion, topics will include purity of heart, modesty, the traits of a godly husband, determining your standards, delighting in God and more.

Homework: Usually none, but I may ask for some occasional, quick research.

Supplies: Bible and pencil

Red Hot Root Words

Class #: 312 Class Time: 9:00 - 9:55 Fee: \$5.00 Teacher: Shannon Varner

Description: Greek and Latin prefixes, roots, and suffixes are the building blocks that when put together provide a wide array of words that make up the English Language. By understanding their meaning, students will broaden their vocabulary and determine the meaning of unfamiliar words. We will create an index card dictionary of these building blocks with lots of words. We will play games and work puzzles to reinforce the use of the building blocks.

Homework: none

Supplies: large index cards (5"X8"), pencil, colored pencil, 3 ring binder same size as index cards (can be found at office supply store)

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Say Good-Bye to Hunt and Peck

Class #: 351 Class Time: 2:00 - 3:00 Fee: \$6.00 Teacher: Melissa Smith

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 move 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, and turn in at class.

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

Sign Language I

Class #: 6206 Class Time: 10:00 - 10:55 Fee: \$5.00 Teacher: Tammy Hood

Description: Our class will learn how to effectively communicate with the deaf community. We will learn the signs for words that are used in our daily conversations. Involvement and interaction will be required for sign language communication. We will also be focusing on the history of sign language, causes of deafness, devices used to assist those with hearing disabilities, and the difficulties of living w/ a hearing loss. The students will learn song completely in American Sign Language to be performed at Family Night.

Homework: Practicing signs with family & friends is important, so be prepared to teach yourself. There will be short assignments to be done at home. The homework should take less than 20 minutes per week

Supplies: Pencil and eraser Folder w/ 3 brads. The Joy of Signing book by Lottie L. Riekehof ISBN 0-88243-520-5

Snazzy Cupcakes!

Class #: 6508 Class Time: 2:00 - 3:00 Fee: \$25.00 Teacher: Jill Scott

Description: A cupcake decorating course chock full of delicious creations anyone can make. With just a handful of candy notions, canned frosting, ziploc bags, prepared cupcakes, and a little imagination, you are on your way to making irresistible cupcake masterpieces. Forget the complicated pastry techniques and expensive decorating supplies, you can find almost everything you need for these projects in your local stores. So come and join us for some yummy, decorating fun. You'll be the envy of all your classmates!

Homework: Students are required to bring prepared cupcakes in cupcake carrier to each class.

Supplies: Decorating tools, frostings, candy notions, etc. provided by teacher by way of student class fee. Student may want to wear an apron. (Optional)

Spanish

Class #: 325 Class Time: 10:00 - 10:55 Fee: \$10.00 Teacher: Jacqueline Worley

Description: Review Spanish you have already learned and learn some new words and phrases using games, music and repetition. This class is for both beginning and returning Spanish students.

Homework: Complete pages assigned from workbook provided by teacher.

Supplies: Regular school supplies.

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Spanish Fun and Games

Class #: 112 Class Time: 9:00 - 9:55 Fee: \$8.00 Teacher: Jacqueline Worley

Description: In this introductory Spanish class, students will learn a Bible verse and songs in Spanish. They will learn new vocabulary and review through a variety of games and music. It is for both new and returning Spanish students.

Homework: optional: vocabulary learning and finishing in class projects

Supplies: pencils, crayons, scissors, glue stick, paper, folder or notebook

Spanish I

Class #: 6202 Class Time: 10:00 - 10:55 Fee: \$25.00 Teacher: Lori Evans

Description: Using A Beka's Spanish I curriculum, students will learn all of the traditional grammar and vocabulary typically taught in a first-year high school Spanish class. Communication is our primary goal! This is the first semester of a 15-week/2 semester course.

Homework: Students will need to spend between 4-5 hours on homework each week.

Supplies: Required textbooks: A Beka's Por todo el mundo Spanish I--Books A/B, Spanish I Vocabulary Manual. The Spanish I Vocabulary CD and the Pronunciation/Scripture CD are not required but are highly recommended. Also students will need basic supplies, such as pen/pencil, paper, and notebook/folder.

Spanish III for CLEP Test Preparation (Hour Two)

Class #: 9303 Class Time: 11:00 - 12:00 Fee: \$0.00 Teacher: Colleen Epstein

Description: This is the second hour of Spanish III for CLEP Test Preparation.

Homework: See Hour One class description.

Supplies: See Hour One class description.

Spanish III for CLEP Test Preparation (Hour One)

Class #: 9201 Class Time: 10:00 - 10:55 Fee: \$25.00 Teacher: Colleen Epstein

Description: Spanish III for College Level Examination Program (CLEP) test preparation covers all of the grammar that is traditionally covered in third-year Spanish, as well as a considerable amount of vocabulary. Correct phonetic pronunciation, oral skills, listening comprehension and short compositions will be emphasized. Most testing will be done at home. This will be a 2 hour long, 15-week, two-semester class. The first hour of class will be instruction, and the second hour will be audio comprehension and oral expression using the CLEP practice test.

Homework: Students will need to spend 4-5 hours per week in homework and practice.

Supplies: An UNDATED check for the \$60 refundable deposit is needed to borrow the teacher's textbooks. general school supplies (paper, pencils, a blue pen and a red pen)
2" 3-ring binder (with optional pocket dividers)
index cards (to make flashcards)

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Starting Points Hour 1

Class #: 6205 Class Time: 10:00 - 10:55 Fee: \$25.00 Teacher: Susan Bryant

Description: Starting Points is a carefully designed program for 8th - 12th grade students which will enable them to examine ideas against the absolute standard of the Biblical world view. It provides the basic foundation of the Biblical world view, practice in identifying literature based upon the Biblical world view, three approaches to apologetics, and also an understanding of the world view of the founding of the United States. We will also be incorporating The Excellence in Writing Essay Writing curriculum into the course to prepare students for the major writing assignments. Starting Points provides one credit hour each in Bible, Composition/Literature, and American History. With this class, you would only need to add grammar, math, and science for a complete curriculum. Upon completion, students will be well prepared to begin the World Views of the Western World curriculum, or you can use this course as a stand-alone one year world views class.

Homework: This class will meet for two hours per co-op day, for 15 weeks each semester. Students can expect 1 1/2 to 2 1/2 hours of homework per day at home. There will be great books to read including Mere Christianity, Know What You Believe, The Horse and His Boy, and several others. There will be 7 major writing assignments during the year. We may need to meet outside of co-op once or twice for video viewing, etc. The Excellence in Writing Student Writing Seminar (4 days) will be scheduled during the month of August at the teacher's home. Any student without EIW background is STRONGLY encouraged to attend to prepare for the writing assignments.

Supplies: The Starting Points World View Primer, and all books associated with it. A list of the required resources can be found at www.cornerstonecurriculum.com. You are required to own the syllabus (the Starting Points Primer), but can borrow or buy used copies of any of the other books. Some of the books are not used until the 2nd semester, so you can stretch out the purchase of the books over the year. Some of the books are available at local libraries in audio format which can download to a portable media device. We will be watching two videos as part of the curriculum as well, but those will be provided. Students will also need paper, pen, and an enthusiastic attitude!

Starting Points Hour 2

Class #: 6305 Class Time: 11:00 - 12:00 Fee: \$0.00 Teacher: Susan Bryant

Description: Continuation of hour 1

Homework: See hour 1

Supplies: See hour 1

State Quarter Jeopardy

Class #: 335 Class Time: 11:00 - 12:00 Fee: \$19.00 Teacher: Shareen Feltner

Description: Students will receive information on 5 - 6 different states each week. For the majority of class time, we will break up into teams and play a fun game of State Quarter Jeopardy on the states they studied the week before at home. Some of the information the students will learn is state abbreviations, neighboring states, nicknames, flags and fun facts about the states. Each student will receive a state quarter each week and a state quarter collection board, where they can store their quarters.

Homework: Students will need to study the information on the 5 - 6 states assigned for that week, so they are prepared for the Jeopardy game the following Monday.

Supplies: Basic school supplies

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Stitching The Advent

Class #: 6107 Class Time: 9:00 - 9:55 Fee: \$18.00 Teacher: Michelle Cotnoir

Description: Let's get together and celebrate the Reason for the Christmas Season! We will cross-stitch an Advent Calendar together. While we are stitching, we will have a short devotional time related to the pattern of the week. We will also listen to Christmas hymns and carols, and discuss a little of their history. Beginner and experienced stitchers welcome.

Homework: If you want to have your project completely done by the end of this semester, you will need to stitch a little at home during the week. (1-2 hours, depending on cross-stitch experience)

Supplies: Fabric scissors, small embroidery hoop if desired.

Super Science Experiments

Class #: 353 Class Time: 2:00 - 3:00 Fee: \$15.00 Teacher: Joanne Mott

Description: Come join us as we learn about Air, Light, Plants, Molecules, Forces, Chemical Changes and a few things about the Human Body, all through fun science experiments. Come make a solar oven and cook with it when we study about light. Learn about volcanoes and actually make one! Create caramel and invisible ink, when we study about chemical changes and reactions. These are just a few examples of the experiments we will make over the 10 weeks.

Homework: None

Supplies: 3 shoe boxes & 1 empty 2 liter soda bottle with cap. I will let you know which week to bring these items.

The Babysitter's Club

Class #: 6304 Class Time: 11:00 - 12:00 Fee: \$15.00 Teacher: Carol Rosenberg

Description: If you have been wanting to begin babysitting, but don't know where to start, come and join The Babysitter's Club. We will discuss different aspects of babysitting from infant care to diffusing toddler tantrums. We will learn First Aid and CPR. We will remember how to play simple games that are good for all ages. We will discuss nutrition and talk about ideas for nutritious snacks. We will make a tote bag that we will add different things to so that when we are called upon to babysit we will have a "bag of tricks" to take along with us.

Homework: N/A

Supplies: Basic school supplies: pens, pencils, colored pencils, markers, notebook paper.
**A bed pillow when we begin CPR instruction.

The Hobbit

Class #: 6308 Class Time: 11:00 - 12:00 Fee: \$5.00 Teacher: Zeta Falkenberg

Description: Come explore the mystical world of J.R.R. Tolkien's Middle Earth! We will be reading the Hobbit and discussing what we read in class each week from a Christian perspective. We will also study Tolkien's life and what was going on historically when he wrote the book to better understand it. We will also occasionally do fun projects to really get a grasp of this excellent piece of literature.

Homework: Reading several chapters of the Hobbit every week. Sometimes additional work must be done outside of class for a project.

Supplies: A copy of The Hobbit by J.R.R Tolkien, a three-ring binder with notebook paper, pencil/pen, other general school supplies.

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To Kill a Mockingbird

Class #: 9504 Class Time: 2:00 - 3:00 Fee: \$5.00 Teacher: Shareen Feltner

Description: Students will engage in weekly discussions of the classic book, "To Kill a Mockingbird". The book is set in the 1930's Alabama during the Depression. It follows three years in the life of 8 year old Scout, her brother Jem and their father, Atticus, a lawyer. Atticus defends a young black man accused of a crime against a white woman in this prejudiced town. The story is told through the eyes of a child and is a tough and tender novel of race, class, justice and the pain involved with growing up.

Homework: reading designated chapters in "To Kill a Mockingbird" and a vocabulary/discussion questions worksheet

Supplies: copy of "To Kill a Mockingbird" by Harper Lee, basic school supplies and 3-ring folder for storing weekly worksheet and any hand-outs

Top Secret Adventures

Class #: 354 Class Time: 2:00 - 3:00 Fee: \$5.00 Teacher: Jennifer Snyder

Description: Based on the popular magazine, "Highlights for Children" this class will take students on a trip around the world. We will work in groups to discover WHO did it, WHAT they did, and WHERE they did it. Students will have the opportunity to travel to 5 countries as they solve riddles, complete puzzles, and crack secret codes in an effort to solve the case. Along the way they will learn facts about each country's agriculture, national symbols, modes of travel, religion and more.

Homework: none, Parents please note, this class is for independent readers only.

Supplies: Students will need map colors and pencils each week.

Top Secret Adventures II

Class #: 344 Class Time: 1:00 - 1:55 Fee: \$5.00 Teacher: Jennifer Snyder

Description: Taken from the popular magazine, "Highlights for Children" this class will take students on a trip around the world. We will work in groups to discover WHO did it, WHAT they did, and WHERE they did it. Students will travel to at least 5 countries (more if they are super detectives) as they solve riddles, complete puzzles, and crack secret codes in an effort to solve the case. Along the way they will learn facts about each country's agriculture, national symbols, modes of transportation and much more. New and returning students welcome!

Homework: none: Parents please note that this class is for independent readers only!

Supplies: students need map colors and pencil everyday

Up In Smoke - Techniques in Charcoal Grilling

Class #: 6310 Class Time: 11:00 - 12:00 Fee: \$20.00 Teacher: Barbet McLain

Description: We will be learning to grill various types of meats including: Beef, Chicken, Seafood and Pork, with an emphasis on marinating and achieving different flavors from wood. We will also be learning how to properly grill vegetables, and which vegetables are suitable for grilling. This class will be conducted outdoors, so please dress appropriately.

Homework: None

Supplies: a pen to take notes in their recipe books, pair of tongs, container to take food home if the student chooses to do so, apron (optional) Students will need to provide meats (one lunch portion) to be grilled on a weekly basis.

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Volleyball

Class #: 6211 Class Time: 10:00 - 10:55 Fee: \$5.00 Teacher: Kim Wallar

Description: Come have fun and learn the basics of volleyball. This class will also learn about strategies and sharpen playing skills. New and advanced players welcomed.

Homework: None

Supplies: athletic attire, volleyball kneepads, and a volleyball

What's For Dinner?

Class #: 315 Class Time: 9:00 - 9:55 Fee: \$5.00 Teacher: Zeta Falkenberg

Description: Learn how to make different meals and casseroles from all kinds of cuisines in this class! We will learn basic kitchen skills and cooking techniques, as well as bless your family with a meal to take home and cook each week.

Homework: Occasionally the student will need to prepare certain food items ahead of time--I will let you know beforehand.

Supplies: Each week I will send out an email with the supplies the student must bring to class every week.

Worship Band - More Than Just Music

Class #: 6307 Class Time: 11:00 - 12:00 Fee: \$15.00 Teacher: Ted Blair

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 picking 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, bass, keyboard, drums (drums if you have them) and let's rock the flock.

Homework: We will assign homework as needed each class.

Supplies: Instrument and gear if you have it. (i.e. guitar, amp, etc.)
