

PATH Spring 2012 - Course Catalog

44 Presidents, White House Residents

Class #: 694 Class Time: 1:00 - 1:55 Teacher: Lacey Gornel

Fee(s): Class Fee
\$5.00

Description: We will have fun learning a little bit about each of the 44 men who have called the White House home, from Washington to Obama. Each week we will watch short videos about 4 or 5 of the presidents and make a flash card with interesting facts about each one, the goal being the ability to say (or sing!) all 44 in order by the end of the semester.

Homework: N/A

Supplies: Regular school supplies.

Advanced Biology (Hour One)

Class #: 634 Class Time: 1:00 - 1:55 Teacher: Laura Miller

Fee(s): Class Fee Teacher Fee Building Fee
\$5.00 \$40.00 \$10.00

Description: (continued from fall semester) Advanced Biology: The Human Body. This class, which can also be called Anatomy and Physiology is a 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: Text: The Human Body Fearfully and Wonderfully Made (Apologia/ Dr. Wile/ Marily Shannon Fifth printing 2009), Same Text Solutions Study Guide, The Anatomy Coloring Book by Wynn Kapit and Lawrence M. Elson, 3-ring 1 or 2 inch notebook with 16 dividers, Notebook for lab (can be spiral notebook or 3 ring notebook), 2 highlighters, Colored pencils, at least 8-16 different colors

Advanced Biology (Hour Two)

Class #: 635 Class Time: 2:00 - 3:00 Teacher: Laura Miller

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$0.00

Description: (continued from fall semester) This is the second hour of instruction in Advanced Biology. Students must be enrolled in both hours to receive credit for the class.

Homework: see first hour class description

Supplies: see first hour class description

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Algebra II (Hour One)

<u>Class #:</u>	811	<u>Class Time:</u>	9:00 - 9:55	<u>Teacher:</u>	Jean Booker
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$5.00		\$40.00		\$10.00

Description: (Second Semester) Saxon Algebra II covers all topics that are traditionally covered in second-year Algebra as well as a considerable amount of geometry. Real-world problems are included along with applications to other subjects such as physics and chemistry. This class will meet two hours per week for 15-weeks for 2 semesters. Parents will be expected to grade student homework each week. We will be using Saxon Algebra II 3rd Edition. The students will need a Solutions Manual, and a DIVE cd is highly recommended.

Homework: Students should be prepared to spend 1-2 hours on home work per day four days per week. We will cover 4-5 lessons per week. Homework will be graded by parents. Homework modification is up to parental discretion. Teacher will grade tests and in-class quizzes.

Supplies: Saxon Algebra II 3rd edition text, solutions manual, and DIVE cd. Pencil, paper, 3-ring binder or 5 subject spiral dedicated to this class, graphing paper, a compass, and a scientific calculator.

Algebra II (Hour Two)

<u>Class #:</u>	812	<u>Class Time:</u>	10:00 - 10:55	<u>Teacher:</u>	Jean Booker
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$0.00		\$0.00		\$0.00

Description: (continued from fall semester) This is the second hour of Algebra II. Students must be enrolled in both hours to receive credit for the class

Homework: N/A

Supplies: N/A

American Girl: Josefina

<u>Class #:</u>	322	<u>Class Time:</u>	10:00 - 10:55	<u>Teacher:</u>	Michelle Cotnoir
<u>Fee(s):</u>	Class Fee				
	\$11.00				

Description: Experience the life of an American Girl living on a ranch in New Mexico in 1824. Like most girls her age, Josefina spent much of her time learning household skills such as cooking, cleaning, gardening, and weaving. In this class we will read the 6 Josefina books, as well as do crafts and cooking projects to help us understand how people lived at that time.

Homework: reading the 6 Josefina books

Supplies: regular school supplies, access to the six Josefina books (available at most public libraries)

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Ancient Egypt

Class #: 313 Class Time: 11:00 - 12:00 Teacher: Jill Scott

Fee(s): Class Fee
\$15.00

Description: The 3rd-5th graders will learn of the geography of Ancient Egypt as well as about the people and their culture. We will also learn about the pyramids, hieroglyphic writing, and learn about a few of their Pharaohs. There is little homework, as we will do our reading and projects during class time. A few of the projects will include making a salt dough map of Ancient Egypt, making a model of a pyramid out of sugar cubes, making some clothes and jewelry, and making a mummy out of a doll or action figure from home. Plan on getting a taste of what it was like living in Ancient Egypt while doing some FUN projects!!

Homework: Only if not completed in class

Supplies: Pencils, Erasers, Paintbrushes (Wide ones, not the small thin brushes), White school glue, Scissors, One Shoebox with lid (medium-large size), Doll/Action figure from home (not new) big enough to fit into shoebox, Colored markers, 2 white pillowcases

Apologia: Human Anatomy and Physiology (6-12)

Class #: 664 Class Time: 1:00 - 1:55 Teacher: Jennifer Cash

Fee(s): Class Fee Teacher Fee Building Fee
\$12.00 \$0.00 \$0.00

Description: This is a continuation from fall semester but new students are welcome as it is taught by body systems. Part 2: We will explore lesson 6-10 in the Apologia Human Anatomy and Physiology. We will cover the respiratory system, the cardiovascular system, the nervous system. Our learning modalities will include some lecture and notetaking, hands-on activities, charts, visual aids, powerpoints, and games for memory retention. This class will be good for the younger student who wants to develop independent learning skills and responsibility for turning in homework.

Homework: A level system will be provided to allow parents to choose due to the grade range of the class. Basic level will have weekly homework to enhance the learning in class such as reading, worksheets, notebook journal activities. (estimated 1-2 hours weekly)

Supplies: Basic school supplies such as scissors, glue, colored pencils, folder for homework sheets and the text Exploring Creation with Human Anatomy and Physiology by Jeannie Fulbright and Anatomy Notebooking Journal (not junior)

Apologia: Human Anatomy and Physiology (3-5th grade)

Class #: 312 Class Time: 10:00 - 10:55 Teacher: Jennifer Cash

Fee(s): Class Fee Teacher Fee Building Fee
\$12.00 \$0.00 \$0.00

Description: Fun overview of the Human Body using the Apologia text by Jeannie Fulbright and Brooke Ryan (Lesson 6-10). We will explore the respiratory system, cardiovascular system and the neurological system. We will learn about the body with many hands on activities. We will learn about the lungs, understand the plumbing of our heart, determine our blood types, make a brain model out of play-doh and review with Eggspert and Jeopardy games.
This class continues from the fall semester but new students are welcome as we are learning system based.

Homework: There is small amount of homework such as reading the lesson, cutting items for class, finishing work not completed in class. Reading a book from library. It will vary week to week. There is a level system to include the notebook journals if you wish to use them but will not be required for this class.

Supplies: Basic school supplies, scissors, glue, colored pencils, pencils and a pocket folder. Textbook - Exploring Creation with Human Anatomy by Jeannie Fulbright may share with siblings (need book to do homework reading from) Parental choice there is also a Notebook journal and Notebook journal junior that are available but not required it will enhance learning at home if would like.

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Archery

<u>Class #:</u>	605	<u>Class Time:</u>	2:00 - 3:00	<u>Teacher:</u>	Lori Taylor
<u>Fee(s):</u>	Class Fee \$5.00				
<u>Description:</u>	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, history of archery, etc.				
<u>Homework:</u>	None				
<u>Supplies:</u>	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.				

ARTS Attack! (3rd-5th)

<u>Class #:</u>	333	<u>Class Time:</u>	11:00 - 12:00	<u>Teacher:</u>	Laurie Cronan
<u>Fee(s):</u>	Class Fee \$15.00				
<u>Description:</u>	In this class, students will discover how to EXPRESS themselves through art using a DVD-supplemented art curriculum for homeschoolers. Students will learn basic art concepts (line, color, shape & form, texture & pattern, space, drawing, and self-expression) and will be exposed to a variety of techniques and media. We will also study the art of famous artists, other cultures, and historical periods. Students will watch a brief (10 min) video showing the lesson and concepts, then they will be led by the teacher in expressing themselves using those concepts. **This will be a NEW/different module so returning students will be doing different work**				
<u>Homework:</u>	None				
<u>Supplies:</u>	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.**				

ARTS Attack! (6th-12th)

<u>Class #:</u>	674	<u>Class Time:</u>	1:00 - 1:55	<u>Teacher:</u>	Leska Gilbert
<u>Fee(s):</u>	Class Fee \$15.00				
<u>Description:</u>	In this class, students will discover how to EXPRESS themselves through art using a DVD-supplemented art curriculum for homeschoolers. Students will learn basic art concepts (line, color, shape & form, texture & pattern, space, drawing, and self-expression) and will be exposed to a variety of techniques and media. We will also study the art of famous artists, other cultures, and historical periods. Students will watch a brief (10 min) video showing the lesson and concepts, then they will be led by the teacher in expressing themselves using those concepts.				
<u>Homework:</u>	none				
<u>Supplies:</u>	Students will need to provide colored pencils,scissors, pencils, erasers. **Teacher will provide class specific materials needed such as modeling clay, construction papers, paints, brushes, curriculum, etc.**				

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Basic Cooking- Cracking the Recipe Code

<u>Class #:</u>	341	<u>Class Time:</u>	9:00 - 9:55	<u>Teacher:</u>	Tina VanHecke
<u>Fee(s):</u>	Class Fee \$15.00				
<u>Description:</u>	In this course your student will learn how to make a variety of delicious recipes. While making these recipes they will learn important skills like how to measure dry and wet ingredients. They will also learn about measurements in cooking: for example a teaspoon versus a tablespoon. They will learn how to read a food label and know what are the good and the bad ingredients to look for.				
<u>Homework:</u>	N/A				
<u>Supplies:</u>	Every week the student will receive a detailed list of supplies needed for that week's recipe. A crock pot will be required for at least one of the recipes.				

Beginning Calligraphy

<u>Class #:</u>	662	<u>Class Time:</u>	10:00 - 10:55	<u>Teacher:</u>	Kimberly Curtis
<u>Fee(s):</u>	Class Fee \$20.00	Teacher Fee \$0.00		Building Fee \$0.00	
<u>Description:</u>	Come & learn with us how to make beautiful letters! No previous experience necessary. You don't even need to have great handwriting! We'll learn all lower & upper case letters along with punctuation and by the end of the semester, you'll make a beautiful original of your own!				
<u>Homework:</u>	Practice, practice, practice the letters learned each week!				
<u>Supplies:</u>	All provided by teacher, included in fees.				

Biology (Hour One)

<u>Class #:</u>	814	<u>Class Time:</u>	1:00 - 1:55	<u>Teacher:</u>	Lisa Stevens
<u>Fee(s):</u>	Class Fee \$50.00	Teacher Fee \$40.00		Building Fee \$10.00	
<u>Description:</u>	(continuation from the fall semester) 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.				
<u>Homework:</u>	A minimum of 3 hours per week to meet requirements for high school credit.				
<u>Supplies:</u>	Exploring Creation with Biology by Dr. Jay Wile (2nd Edition), pencils/pens, notebook paper, colored pencils, highlighters				

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Biology (Hour Two)

<u>Class #:</u>	815	<u>Class Time:</u>	2:00 - 3:00	<u>Teacher:</u>	Lisa Stevens
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$0.00		\$0.00		\$0.00
<u>Description:</u>	(continuation) The 2nd hour of Biology is a lab hour.				
<u>Homework:</u>	Some outside gathering and observation will be required. There may be labs that need to be completed at home due to time constraints.				
<u>Supplies:</u>	colored pencils				

Blacksmithing Basics

<u>Class #:</u>	672	<u>Class Time:</u>	10:00 - 10:55	<u>Teacher:</u>	Ernie Brouwer
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$15.00		\$0.00		\$0.00
<u>Description:</u>	This class is a basic introduction to blacksmithing taught by an apprentice blacksmith, using a propane forge. Students will learn about metal and heat and how they interact. Plan to make some small items such as rings from a nail, a meat turner, S hooks, J hooks and possibly some other small craft items. For new or continuing students.				
<u>Homework:</u>	none				
<u>Supplies:</u>	None. The teacher will provide the forge, propane, tools, metal and safety goggles. Students should wear long sleeve cotton shirt, denim pants, and leather shoes or boots.				

Blacksmithing Basics

<u>Class #:</u>	671	<u>Class Time:</u>	9:00 - 9:55	<u>Teacher:</u>	Ernie Brouwer
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$15.00		\$0.00		\$0.00
<u>Description:</u>	This class is a basic introduction to blacksmithing taught by an apprentice blacksmith, using a propane forge. Students will learn about metal and heat and how they interact. Plan to make some small items such as rings from a nail, a meat turner, S hooks, J hooks and possibly some other small craft items. For new or continuing students.				
<u>Homework:</u>	none				
<u>Supplies:</u>	None. The teacher will provide the forge, propane, tools, metal and safety goggles. Students should wear long sleeve cotton shirt, denim pants, and leather shoes or boots.				

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Botany for Children

Class #: 325 Class Time: 2:00 - 3:00 Teacher: Karen Jackson

Fee(s): Class Fee Teacher Fee Building Fee
\$15.00 \$0.00 \$0.00

Description: Join us as we seek to understand and enjoy God's creation in the plant and flower realm. In lapbooking fashion we will study, sketch and learn about plant taxonomy, binomial nomenclature, plant reproduction and much more. Loosely based on the Apologia Botony text and other resources this course offers hands on learning as we discover God's purpose and design in the plant kingdom.

Homework: Minimal homework may be assigned.

Supplies: General school supplies: Pencil, colored pencils, scissors, glue stick, etc.

Boys Book Club 2

Class #: 332 Class Time: 10:00 - 10:55 Teacher: Jill Scott

Fee(s): Class Fee
\$15.00

Description: This will be a discussion group centered around three short novels: Bambi, My Side of the Mountain, and The Indian in the Cupboard. Boys will read assigned chapters at home each week and come ready to share thoughts and feelings about the reading passage. We will have projects to keep hands busy during the discussion and to make the books more meaningful.

Homework: weekly reading assignments, vocabulary words

Supplies: Students need to have the following books: Bambi by Felix Salten, My Side of the Mountain by Jean Craighead George, and The Indian in the Cupboard by Lynne Reid Banks, pencil, 3-ring binder with lined paper

Charlotte's Web -A Unit Study

Class #: 122 Class Time: 10:00 - 10:55 Teacher: Carol Rosenberg

Fee(s): Class Fee
\$10.00

Description: Come and join me for an adventure through Charlotte's Web. We will read the book together in class as well as do some activities that will help us to discover the true meaning of friendship and take a closer look at Charlotte, Wilbur and the rest of the barnyard animals.

Homework: none

Supplies: pencils,markers or crayons, colored pencils, glue sticks

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Chemistry (Hour One)

Class #: 924 Class Time: 1:00 - 1:55 Teacher: Brian Reid

Fee(s): Class Fee Teacher Fee Building Fee
\$50.00 \$40.00 \$10.00

Description: This is the second semester of a two semester course. 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. We will meet 2 hours each week, one hour for labs and one hour for lectures. This is a 15-week/2 semester course.

Homework: 3-4 hours per week

Supplies: Exploring Creation with Chemistry (by Dr. Jay Wile 2nd Edition), scientific or graphing calculator, safety goggles, rubber gloves. Parents may also wish to purchase the solutions manual and companion multimedia CD-Rom for this course if they feel it would help in assisting their students at home.

Chemistry (Hour Two)

Class #: 925 Class Time: 2:00 - 3:00 Teacher: Brian Reid

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$0.00

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

Homework: N/A

Supplies: N/A

Choosing Your Career: The Christian's Decision Manual

Class #: 623 Class Time: 11:00 - 12:00 Teacher: Zeta Falkenberg

Fee(s): Class Fee Teacher Fee Building Fee
\$10.00 \$0.00 \$0.00

Description: What is God's call for your life? Do you think about being a doctor, homemaker, electrician, or maybe a missionary? Take a personal spiritual inventory, explore the roots of the Christian work ethic, and look at a Scripture based pattern for making decisions consistent with God's will. Participate in interactive exercises for exploring specific career outlooks.

Homework: Read a short chapter each week from the book. 30-60 minutes. Approximately. I will be ordering the books from Christian Book Distributors.

Supplies: Bring book each week along with pencil, eraser, sharpener, or extra pencil

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Cook A Book

Class #: 125 Class Time: 2:00 - 3:00 Teacher: Sheyla Gayler

Fee(s): Class Fee
\$15.00

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: N/A

Supplies: N/A

Discovering Science Through Art

Class #: 123 Class Time: 11:00 - 12:00 Teacher: Carrie Dela Pena

Fee(s): Class Fee
\$10.00

Description: Students will discover basic science concepts through an array of art experiments. Projects are based on the book Science Arts. We'll explore the realms of light and sight, water and air, motion and energy, and reaction and matter while using a variety of art supplies and household objects. Discovery and experimentation are the keys to learning and exploring science through art.

Homework: N/A

Supplies: 3-ring binder with lined notepaper, pencil, scissors.

Dodgeball (3rd-5th Grades)

Class #: 345 Class Time: 10:00 - 10:55 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. This will be a great way to get our wiggles out and have some fun! Boys and girls are welcome!

Homework: N/A

Supplies: need appropriate gym shoes

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Dodgeball (6th-12th Grades)

Class #: 603 Class Time: 11:00 - 12:00 Teacher: Lori Taylor

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. This will be a great way to get our wiggles out and have some fun! Boys and girls are welcome!

Homework: N/A

Supplies: N/A

Drama

Class #: 675 Class Time: 2:00 - 3:00 Teacher: Kathy Hansen

Fee(s): Class Fee
\$10.00

Description: We will briefly cover the basics of stage drama. We will learn many skills like: "cheating" to the audience, blocking, vocal clarity and projection; improv, pantomime and role playing. The improv drills and games will help us develop our imagination, creativity, and comedic and dramatic timing. We may put together different scenes from stage shows as well as try our hand at some reader's theater. Come ready to work hard and have fun! For new or continuing students.

Homework: Memorizing lines and blocking for their assigned scenes for a skit/play performed on family night. May help put together costume and stage props.

Supplies: Spiral note book and pen/pencil.

Drama Games

Class #: 334 Class Time: 1:00 - 1:55 Teacher: Kathy Hansen

Fee(s): Class Fee
\$10.00

Description: Students will learn and experience drama through fun activities that include movement, vocalization and imagination. They will learn basic drama skills and then put them into practice through improv, pantomime and role playing. This will be a fun, but serious class for those students who really want to learn about drama. We will conclude our semester with a brief drama performance on Family Night. For new and continuing students.

Homework: Memorizing lines for Family Night performance.

Supplies: Pen or pencil and notebook.

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Drive Thru History: Ancient History to Early Church

Class #: 683 Class Time: 11:00 - 12:00 Teacher: Karen Jackson

Fee(s): Class Fee Teacher Fee Building Fee
\$10.00 \$0.00 \$0.00

Description: Explore the history of Asia Minor and Turkey with host Dave Stotts in this fast paced, humorous trip DVD series. You'll encounter the people, places, and events that helped shape our civilization and the world as we know it. Dave doesn't just talk about history, he lives it in fast, easy to digest road trips that reinforce a Christian worldview.

Homework: For High School students desiring to earn 1/2 history credit, additional outside work will be assigned.

Supplies: General school supplies: Pen, pencil, colored pencils or markers, scissors, glue stick.

Economics

Class #: 653 Class Time: 11:00 - 12:00 Teacher: Julie Avedikian

Fee(s): Class Fee Teacher Fee Building Fee
\$15.00 \$40.00 \$10.00

Description: We will use "Whatever Happened to Penny Candy" as our basis to help us understand investment cycles, velocity, business cycles, recessions, inflation, the demand for money and more. This class will help young people to understand the basic laws of economics, how it all started, how it makes sense and why. There will be weekly homework, periodic quizzes, a semester long project, and a final exam. This is a 15-week/1 semester high school credit course and can be counted as 1/2 credit.

Homework: 1-3 hours per week. There will be weekly reading and study guide assignments.

Supplies: "Whatever Happened to Penny Candy" by Richard J. Maybury; "A Bluestocking Guide: Economics"; "Economics: A Free Market Reader" by Jane A. Williams & Kathryn Daniels; Binder/Folder

Excellence In Writing 2

Class #: 685 Class Time: 2:00 - 3:00 Teacher: Lavonne Hernandez

Fee(s): Class Fee Teacher Fee Building Fee
\$7.00 \$0.00 \$0.00

Description: Students who have completed Excellence in Writing I at PATH or students who have mastered units I and II in the Institute for Excellence in Writing lecture series. We will cover Institute for Excellence in Writing unit III which is the creative writing / fiction portion of the program. We will continue to learn new style techniques. This class will have between 1 and 1.5 hrs of homework a week. The Excellence in Writing seminar DVD's will be available for check out for parents of students in this program.

Homework: 1-1.5 hours of homework per week.

Supplies: 3-ring binder, pencil, paper

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Excellence in Writing II

Class #: 353 Class Time: 11:00 - 12:00 Teacher: Lavonne Hernandez

Fee(s): Class Fee Teacher Fee Building Fee
\$5.00 \$0.00 \$0.00

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. We will work on outlining/summarizing (with plot, character, setting variations) NARRATIONS, while using dress-ups. 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

Excellence in Writing Level C

Class #: 633 Class Time: 11:00 - 12:00 Teacher: Christy Harms

Fee(s): Class Fee Teacher Fee Building Fee
\$9.00 \$0.00 \$0.00

Description: This is the beginning class of the EIW curriculum for students who have had no experience with the Excellence in Writing program. 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. We will cover such topics as notetaking, various types of summaries, 5 paragraph essays as well as dress-ups, sentence openers, and various decorations. This class is HIGHLY RECOMMENDED if you plan to take Starting Points in the fall.

Homework: 1 to 2 hours per week.

Supplies: Each student will need to purchase a IEW student workbook for Level C. You have 2 options for this. You can either order an actual binder that will be mailed to you for \$18 or you can download the student workbook from the website for \$10. If you choose the download option, you will need to print out things each week.

Excellence in Writing Units 5 & 7

Class #: 354 Class Time: 1:00 - 1:55 Teacher: Christy Harms

Fee(s): Class Fee Teacher Fee Building Fee
\$7.00 \$0.00 \$0.00

Description: Students who have completed semesters 1, 2, 3 at PATH or have mastered Institute for Excellence in Writing Units I, II, III, IV, VI. This semester we will cover the Institute for Excellence in Writing Units V and VII. This will be creative writing that will give children a structure to use with virtually anything including personal experiences. We will teach the introduction and conclusion in a 5-paragraph composition. We will also continue to develop advanced style techniques.

Homework: Weekly writing assignments to total 1-2 hours a week.

Supplies: Excellence in Writing notebook with handouts from previous semesters.

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Flag Football

Class #: 344 Class Time: 11:00 - 12:00 Teacher: Susan Bryant

Fee(s): Class Fee Teacher Fee Building Fee
\$5.00 \$0.00 \$0.00

Description: Flag football is an outside class. Please dress appropriately regarding shoes and clothing. Parents, this is not tackle football, however, the probability that some children will collide with other children at full speed is indeed possible. I would put the risk factor on par with that of basketball. Should this level of risk be acceptable, we'd love to have your son or daughter play with us. Taught by Chet and Chase Bryant

Homework: None.

Supplies: Appropriate attire.

Floor Hockey

Class #: 342 Class Time: 2:00 - 3:00 Teacher: Lisa McNeme

Fee(s): Class Fee
\$5.00

Description: Floor hockey is a close cousin to ice hockey. Goals are scored the same way, and the same basic rules apply. Floor hockey is a more universal game, however, since it can be played virtually anywhere there is a flat surface. Come and learn about hockey, sportsmanship, and working as a team, while getting some physical activity at the same time. Students should wear closed-toe shoes and bring a water bottle.

Homework: N/A

Supplies: Wear closed-toe shoes and bring a water bottle to class.

Floor Hockey 6th-12th

Class #: 691 Class Time: 9:00 - 9:55 Teacher: Lisa McNeme

Fee(s): Class Fee
\$5.00

Description: Floor hockey is a close cousin to ice hockey. Goals are scored the same way, and the same basic rules apply. Some see floor hockey as a more universal game, however, since it can be played virtually anywhere there is a flat surface. Come out and learn about hockey, sportsmanship, and working as a team, while getting some physical activity. You need to wear closed toe shoes & bring a water bottle.

Homework: N/A

Supplies: Wear closed toed shoes and bring a water bottle.

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Forensic Science

Class #: 695 Class Time: 2:00 - 3:00 Teacher: Maria Bemont

Fee(s): Class Fee
\$15.00

Description: This class introduces students to how forensic science is used in criminal investigations. The lessons teach the techniques of collecting and analyzing trace evidence left at a crime scenes. Students will learn crucial principles of forensic science to solve hypothetical crimes through techniques ranging from lifting latent prints to casting shoe impression. Come join the PATH CSI team!

Homework: Will depend on the level of interest per child. Homework assignments will be given to those who wish to use the techniques learned in class at home. Suggested (optional) reading will be given as well.

Supplies: All supplies included in the class price.

Gardening Basics and Beyond

Class #: 631 Class Time: 9:00 - 9:55 Teacher: Nikol Blair

Fee(s): Class Fee
\$35.00

Description: Does spring weather make you want to plant something and watch it grow? Have you always wanted to plant a vegetable garden or some flowers but were just not sure how to start? In this class, we will take a look at the basics such as deciding what kind of garden you wish to start, as well as where and when to plant it. In addition, we will learn how to be certain that the soil is good and ready for growing, how to know what types of plants work well together, and how to care for them once they start to grow. We will discuss whether to plant in small containers or a backyard bed and why it's important to design before you dig. We will also discover what the different gardening tools are and how to use them properly. Remember: if you don't like dirt, then stay out of the garden!

Homework: We will have several plants to take home and observe

Supplies: Basics school supplies (paper, pencil), garden gloves, small hand-held shovel
Teacher will provide all plants, pots and soil for each student.

General Science

Class #: 652 Class Time: 10:00 - 10:55 Teacher: Angela McMillon

Fee(s): Class Fee Teacher Fee Building Fee
\$5.00 \$40.00 \$10.00

Description: This course is a continuation of first semester. 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.

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Geography Through Art

Class #: 321 Class Time: 9:00 - 9:55 Teacher: Carrie Dela Pena

Fee(s): Class Fee
\$10.00

Description: Geography Through Art is a class based on the book of the same name. Join us on an artistic journey to ten different countries spanning six continents. This class will include a variety of project types, from watercolor to sculpting and more.

Homework: N/A

Supplies: 3-ring binder with 6 dividers, colored pencils, scissors and glue.

German for Me

Class #: 324 Class Time: 1:00 - 1:55 Teacher: Tia Berg

Fee(s): Class Fee Teacher Fee Building Fee
\$10.00 \$0.00 \$0.00

Description: No prior knowledge of German needed. We will focus on building basic vocabulary with topics such as:

- colors & clothes
- the body
- time & calendar
- food & eating
- seasons & holidays
- alphabet & numbers
- games & sports
- vehicles & tools
- people & animals
- the house
- opposites

Students will have fun learning through puzzles, games, bingo, and role playing as well as holiday crafts and food. They will put together their own picture dictionary of German words to keep.

Homework: we will make flashcards to practice at home each week

Supplies: folder, pencil and paper

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Guitar (First Hour)

Class #: 731 Class Time: 9:00 - 9:55 Teacher: Roger Vermeulen

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$10.00

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). Teaching guitar for Roger Vermeulen, we have Brady Goodwin, who received his bachelor's degree in Music Education from the University of North Texas in 2006. Brady enjoys playing and teaching guitar along with many other instruments. He has taught music in a variety of contexts, whether in a classroom or ministry environment, and is able to teach comfortably in a variety of musical genres. Brady also just completed his Masters of Theology (with a focus on Media Arts in Ministry) from Dallas Theological Seminary. Brady and his wife live in Dallas, Texas.

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 (Second Hour)

Class #: 732 Class Time: 10:00 - 10:55 Teacher: Roger Vermeulen

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$10.00

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). Teaching guitar for Roger Vermeulen, we have Brady Goodwin, who received his bachelor's degree in Music Education from the University of North Texas in 2006. Brady enjoys playing and teaching guitar along with many other instruments. He has taught music in a variety of contexts, whether in a classroom or ministry environment, and is able to teach comfortably in a variety of musical genres. Brady also just completed his Masters of Theology (with a focus on Media Arts in Ministry) from Dallas Theological Seminary. Brady and his wife live in Dallas, Texas.

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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Guitar (Third Hour)

Class #: 733 Class Time: 11:00 - 12:00 Teacher: Roger Vermeulen

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$10.00

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). Teaching guitar for Roger Vermeulen, we have Brady Goodwin, who received his bachelor's degree in Music Education from the University of North Texas in 2006. Brady enjoys playing and teaching guitar along with many other instruments. He has taught music in a variety of contexts, whether in a classroom or ministry environment, and is able to teach comfortably in a variety of musical genres. Brady also just completed his Masters of Theology (with a focus on Media Arts in Ministry) from Dallas Theological Seminary. Brady and his wife live in Dallas, Texas.

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.

Having Fun with Maps and Geography

Class #: 113 Class Time: 11:00 - 12:00 Teacher: Amy Hina

Fee(s): Class Fee
\$10.00

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

Homework: Students are encouraged to practice and sing the songs that we are learning in class which teach them the state names and order in the USA.

Supplies: colored pencils, regular pencils

History of Classical Music

Class #: 641 Class Time: 9:00 - 9:55 Teacher: Mori Randal

Fee(s): Class Fee Teacher Fee Building Fee
\$5.00 \$0.00 \$0.00

Description: ***This is a continuing class. Students must have completed the first semester to enroll.

Homework: Listening to major works. Not more than an hour of extra reading and/or research per week.

Supplies: Notebook from last semester.

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Introduction to Aviation

Class #: 682 Class Time: 10:00 - 10:55 Teacher: Lisa McNeme

Fee(s): Class Fee
\$5.00

Description: This course will introduce middle and high school students to different aspects of aviation. Some of the class topics include the history of flight, basic aerodynamics, aircraft types, airports, aviation careers, flight safety and investigations, instrument flying, weather, survival techniques for aircrew, and space. Each week students will learn a new Paper Airplane design, culminating in their own design for the final class. An airport field trip will be scheduled for a non-PATH day. Active listening and note-taking skills will be developed with simple lecture outline/note sheets filled out each week during class.

Homework: There will be three one-page research Q&A sheets required during the course (1. Aviation Icon (Historical figure) 2. Aircraft 3. Aviation Career). Students will also design their own paper airplane for a final project.

Supplies: Folder and pencil.

Introduction to Track & Field

Class #: 604 Class Time: 1:00 - 1:55 Teacher: Lisa McNeme

Fee(s): Class Fee
\$5.00

Description: This course will introduce middle and high school students to different events in Track & Field. Students will jog 5 minutes at the beginning of each class, followed by dynamic warm-up exercises. Some of the skills they will learn include relay handoffs, block starts (sprinting), hurdling, shot put, long jump, and triple jump.

Homework: N/A

Supplies: Class will be conducted outside so students need to wear appropriate clothing. Tennis/running shoes are necessary, along with PE clothing.

Introduction to Web Site Design and Development

Class #: 661 Class Time: 9:00 - 9:55 Teacher: Brian Edgin

Fee(s): Class Fee
\$5.00

Description: This class will introduce both the basic design and development principles needed to build a website from scratch. Each student will design and code his/her own web page by writing the HTML and CSS code in this hands on course. Emphasis will be placed on gaining a clear understanding of the principles behind the technology and the practical experience writing HTML and CSS code. The software we will use to write the code in this course is freely available online.

Homework: Approximately 1 hour per week. More time might be spent depending on the complexity of the student's design and his/her desire to complete more of the site than required by the course.

Supplies: a USB Thumb-drive for files, or a personal laptop.

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Jabberwocky: Poetry Studies

Class #: 632 Class Time: 10:00 - 10:55 Teacher: Lacey Gomel

Fee(s): Class Fee
\$15.00

Description: We will use the book titled Jabberwocky: Poetry Studies to study a broad range of poems. The collection is eclectic; some classic, some not, but each with something to offer – and the invitation to the student to slow down long enough to see, hear, and taste the world the poet has created. Following each poem is a short series of discussion questions, one of which is a vocabulary inquiry, which we will complete together as a class.

Homework: Each student will have their own copy of the book and will have a schedule of which three poems to read each week before class to prepare for discussion. At the end of the semester students may want to try their hand at writing poetry but it is not required.

Supplies: Regular school supplies.

Jump Rope Games

Class #: 343 Class Time: 1:00 - 1:55 Teacher: Tina VanHecke

Fee(s): Class Fee
\$5.00

Description: Did you know that boys were the first to jump rope? In this class we will learn some classic jump rope games and rhymes. There will be individual, and team games. We will also try Chinese jump rope. So get your jumping feet ready! Before you know it, you will have so much fun, your feet won't be able to stop hopping, skipping, and jumping!
* For new or continuing students *

Homework: none

Supplies: a jump rope, water bottle, closed toed shoes and appropriate attire for jumping and skipping.

Kickball

Class #: 112 Class Time: 10:00 - 10:55 Teacher: Rachel Diaz

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 out in the fresh air!

Homework: N/A

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

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Kidzercise

Class #: 5215 Class Time: 2:00 - 3:00 Teacher: Claire Harrison

Fee(s): Class Fee
\$8.00

Description: This fun class is designed to enhance motor skills, improve coordination, develop cognitive skills through academic & nutritional lessons, and improve cardiovascular fitness, strength, and flexibility, while participating in fun group activities and games. Your child will exercise and learn to LOVE it!!

Homework: N/A

Supplies: Children MUST wear tennis shoes to class each week.

Kindergarten Kids (KKids)

Class #: 5211 Class Time: 9:00 - 9:55 Teacher: Tricia Beaudreau

Fee(s): Class Fee Teacher Fee
\$0.00 \$0.00

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 Katy and the Big Snow, The Story of Ping, The Bee Tree, Little Nino's Pizzeria 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: none

Supplies: Labeled backpack with basic school supplies, such as a pencil, markers, crayons.

Kindergarten Kids (KKids)

Class #: 5213 Class Time: 11:00 - 12:00 Teacher: Tricia Beaudreau

Fee(s): Class Fee
\$20.00

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 Katy and the Big Snow, The Story of Ping, The Bee Tree, Little Nino's Pizzeria 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: Paint smock/apron.

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K'Nex Bridge Building

<u>Class #:</u>	335	<u>Class Time:</u>	2:00 - 3:00	<u>Teacher:</u>	Leska Gilbert
<u>Fee(s):</u>	Class Fee \$10.00				
<u>Description:</u>	Build replicas of real world bridges. 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.				
<u>Homework:</u>	30 min/week				
<u>Supplies:</u>	basic school supplies				

Making Science Fun!

<u>Class #:</u>	314	<u>Class Time:</u>	1:00 - 1:55	<u>Teacher:</u>	Laurie Cronan
<u>Fee(s):</u>	Class Fee \$15.00	Teacher Fee \$0.00	Building Fee \$0.00		
<u>Description:</u>	Students will learn different science concepts each week via hands-on experiments. We will utilize the "Steve Spangler Science" kits and experiments to SHOW science concepts. We will study many concepts including: defying gravity with "Newtons Beads", polymers, chemical reactions with Mentos soda geysers, germs/bacteria, Axle Annie and the snow making kit, chromatic study with pinch & mix kits, demonstration of Boyle's Law (using potato guns), UV light, static electricity, properties of air. The goal of the class is to INTEREST children in science principals in an engaging way.				
<u>Homework:</u>	None				
<u>Supplies:</u>	Teacher will provide all materials needed.				

Mapping the U.S. by Heart

<u>Class #:</u>	651	<u>Class Time:</u>	9:00 - 9:55	<u>Teacher:</u>	Christy Harms
<u>Fee(s):</u>	Class Fee \$15.00				
<u>Description:</u>	Yes, you can learn to map the entire US by Heart! Class lessons will cover latitude and longitude, so everything will be placed correctly. Within 10 weeks we will cover all states, capitals, major rivers, and mountains. You will be amazed at what you can learn in 10 short weeks. There will be three maps assigned per week. We will start with smaller areas of the country and work up to the entire US. There will also be a short oral report on a single state (a visual or edible aid will also be required).				
<u>Homework:</u>	2-3 hours per week. Students learn the maps by tracing them and then drawing them. Learning to draw them by memory requires practice. Without this practice students cannot Map the US by Heart, so they must be willing to do the homework.				
<u>Supplies:</u>	Pencils with eraser for writing and drawing, 4 colors of extra fine point markers, razor-point black thin line pen, white out and a cheap atlas. A folder or binder to keep maps in. Maps will be supplied (most are 11x17 and can be folded to fit in regular binder).				

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Math Art

Class #: 114 Class Time: 1:00 - 1:55 Teacher: Carol Rosenberg

Fee(s): Class Fee
\$10.00

Description: Let's make some art while learning some math concepts. Some of the things we may make may be an inch worm number line that will help us when we are learning to add and subtract. We will make a fraction pizza, it wont taste very good, but it will teach us how little parts make a whole.

Homework: none

Supplies: markers, crayons, pencils, a paint smock, glue stick.

Math Games

Class #: 323 Class Time: 11:00 - 12:00 Teacher: Cindy Edgin

Fee(s): Class Fee
\$10.00

Description: Basic and advanced mathematical facts and concepts (as determined by the math level understandings of the kids in the class) are taught, developed, and strengthened via unique and highly engaging games. These games meet each child where he/she is functioning and extends his/her knowledge. While adults in the classroom will be able to see they are working hard, the kids will be having too much fun to realize it. And, SURPRISE... they'll like and understand math more than ever!

Homework: None

Supplies: Pencil and paper

More Amazing Animals

Class #: 121 Class Time: 9:00 - 9:55 Teacher: Claire Harrison

Fee(s): Class Fee
\$5.00

Description: Come and learn about a variety of animals and how each animal has a character quality that God wants us to have. As we learn about the fascinating animals that God created, we will also learn about Him and how He wants us to live. We will play games, do fun crafts and memorize scripture.

Homework: no homework

Supplies: basic school supplies

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Mousetrap Science

Class #: 115 Class Time: 2:00 - 3:00 Teacher: Jacqueline Worley

Fee(s): Class Fee
\$20.00

Description: Build amazing hands-on projects as we spend 10 weeks discussing and testing the laws of physics and their historical applications. Most of the projects will be team constructed with provided materials and then tested and adapted to optimize performance. We will have fun as we learn scientific principles through designing, building and testing several different projects. We will also learn the benefits of working together in a team environment.

Homework: N/A

Supplies: pen or pencil

Moving with Math

Class #: 111 Class Time: 9:00 - 9:55 Teacher: Sarah Hulslander

Fee(s): Class Fee
\$12.00

Description: Students will have a great time expanding their knowledge of math in this hands-on class. Integrating both math and science, our focus will be centered on developing the skills of predicting and estimating, patterning, charting and graphing, along with exploring the various means of measurement.

Homework: Students may need to do some observations at home.

Supplies: Basic school supplies

Multiplication the Algebra Way

Class #: 352 Class Time: 10:00 - 10:55 Teacher: Nancy Buercklin

Fee(s): Class Fee Teacher Fee Building Fee
\$8.00 \$0.00 \$0.00

Description: Students will be exploring multiplication using base ten blocks, fraction grids, and algebra tiles. Most of the class will focus on multiplying numbers in expanded form, laying a foundation for the distributive property in algebra. Students will build models, draw pictures, and record work mathematically. A great course for building conceptual understanding. (Note: this is not a class on learning multiplication tables.)

Homework: Students will have assigned problems to complete at home that are similar to class explorations (up to 30 minutes).

Supplies: ruler, pencil with good eraser, bring supplied folder to class each week. Access to base 10 blocks is helpful but not required.

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Peter Rabbit Literature Study

Class #: 124 Class Time: 1:00 - 1:55 Teacher: Kathryn Sowell

Fee(s): Class Fee
\$6.00

Description: Come meet Peter Rabbit and his friends! With their help we will learn history, science, gardening, cooking, art, spelling, vocabulary, and character building through related activities. We'll discuss literature elements such as story settings, plots, characters, etc. with an emphasis on creating a love for reading.

Homework: Very minimal if any.

Supplies: sharp pencils, scissors, glue stick, crayons or colored pencils

Photography Fun!

Class #: 654 Class Time: 1:00 - 1:55 Teacher: Maria Bemont

Fee(s): Class Fee
\$22.00

Description: A fun, hands-on approach on the use of your digital camera. Students will not only learn the history of photography, and the correct use of digital camera features, but will also learn the basic use of lighting, angles, and composition to create great and memorable pictures. Get ready to discover not only how to use your digital camera, but also how to correct, enhance, store, and print the pictures. Students will work on picture assignments for each lesson and will create collages, picture crafts, and scrapbook or album pages.

Homework: Up to two hours per week, for taking pictures and editing online.

Supplies: Students will need a digital camera, regular school supplies, notebook paper, or spiral bound notebook, to take notes, as well as one scrapbooking acid free marker, for titling photos.

Physics Lab

Class #: 945 Class Time: 2:00 - 3:00 Teacher: Chrystal Spiva

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$0.00

Description: This second hour of Physics is a lab. It is also a continuation of the first semester

Homework: Some outside gathering and observation may be required.

Supplies: N/A

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Physics Lecture

Class #: 944 Class Time: 1:00 - 1:55 Teacher: Chrystal Spiva

Fee(s): Class Fee Teacher Fee Building Fee
\$50.00 \$40.00 \$10.00

Description: Apologia Physics is a college-prep course designed for the student who has completed Algebra II and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis; this text is ideal preparation for a university-level physics course. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. The second semester covers the optics and electromagnetism concepts and is a continuation of the first semester.

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

Supplies: Apologia Exploring Creation with Physics, 2nd edition. Students should bring the following to class: folder for homework, composition notebook for labs, pencils/pens, notebook paper, calculator, ruler, protractor, safety goggles.

Piano Lessons (First Hour)

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

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$10.00

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). Teaching piano for Roger Vermeulen, we have Allegra Fisher, from Topeka, Kansas, who graduated with Honors from Washburn University with her Bachelor of Music degree in Piano Performance in 2010. Allegra began studying classical piano at age 5, jazz and improvisation at 12, and teaching piano at 13. Since then, she has continued to teach, perform, and win awards in the Topeka area until moving to Dallas in the fall of 2010. Ms. Fisher began teaching with Providence Music Academy that September while pursuing her Master of Arts in Cross-Cultural Ministries and Media and Arts at Dallas Theological Seminary.

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

Supplies: N/A

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Piano Lessons (Second Hour)

Class #: 362 Class Time: 10:00 - 10:55 Teacher: Roger Vermeulen

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$10.00

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). Teaching piano for Roger Vermeulen, we have Allegra Fisher, from Topeka, Kansas, who graduated with Honors from Washburn University with her Bachelor of Music degree in Piano Performance in 2010. Allegra began studying classical piano at age 5, jazz and improvisation at 12, and teaching piano at 13. Since then, she has continued to teach, perform, and win awards in the Topeka area until moving to Dallas in the fall of 2010. Ms. Fisher began teaching with Providence Music Academy that September while pursuing her Master of Arts in Cross-Cultural Ministries and Media and Arts at Dallas Theological Seminary.

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

Supplies: N/A

Piano Lessons (Third Hour)

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

Fee(s): Class Fee Teacher Fee Building Fee
\$0.00 \$0.00 \$10.00

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). Teaching piano for Roger Vermeulen, we have Allegra Fisher, from Topeka, Kansas, who graduated with Honors from Washburn University with her Bachelor of Music degree in Piano Performance in 2010. Allegra began studying classical piano at age 5, jazz and improvisation at 12, and teaching piano at 13. Since then, she has continued to teach, perform, and win awards in the Topeka area until moving to Dallas in the fall of 2010. Ms. Fisher began teaching with Providence Music Academy that September while pursuing her Master of Arts in Cross-Cultural Ministries and Media and Arts at Dallas Theological Seminary.

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

Supplies: N/A

Pre-Algebra/Algebra 1/2

Class #: 613 Class Time: 11:00 - 12:00 Teacher: Nancy Buercklin

Fee(s): Class Fee Teacher Fee Building Fee
\$5.00 \$40.00 \$10.00

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. This class will cover material very quickly.

Homework: Students will be required to complete four lessons and one test per week, and parents will grade the homework. Expect to spend a minimum of 5 hours weekly on 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, graph paper, pencils (with a good eraser), notebook (for taking notes in class), and a can-do attitude :).

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Pre-K

Class #: 4211 Class Time: 9:00 - 9:55 Teacher: Tamra Dohman

Fee(s): Class Fee
\$0.00

Description: Our Pre-K children will surely enjoy each Monday as we lay a good foundation for a love of learning. Classic stories will be shared, along with with plenty of hands-on activities. Each week we will explore math, science, art, and music, in addition to working on small motor skills and reading readiness concepts.

Homework: None.

Supplies: Labeled backpack and a change of clothes.

Pre-K Playground!

Class #: 4215 Class Time: 2:00 - 3:00 Teacher: Jennifer Snyder

Fee(s): Class Fee
\$0.00

Description: Second hour of Pre-K Playground!

Homework: N/A

Supplies: N/A

Pre-School

Class #: 3211 Class Time: 9:00 - 9:55 Teacher: Misa Domke

Fee(s): Class Fee
\$0.00

Description: This class is for children who were three years old on or before September 1, 2011. Mondays will be filled with so many fun activities! We will have a special story time to set our weekly theme. Art activities will include lots of paint, glue, and glitter to be creative and messy! There will be centers for fun learning and exploration, spanish, music, recess, and finally a nap time.

Homework: N/A

Supplies: If your child will be staying for naptime please bring a warm blanket, pillow, and favorite stuffed animal. Please include a paint shirt/smock in your child's backpack.

Parents will be asked to provide specific foods for snacks during the semester.
Mats will be provided.

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Runners

<u>Class #:</u>	2213	<u>Class Time:</u>	11:00 - 12:00	<u>Teacher:</u>	Mary Yates
<u>Fee(s):</u>	Class Fee \$20.00				
<u>Description:</u>	This class is for children who were 2 years old before September 1, 2011. This semester we'll learn foundational Bible stories, colors, shapes, textures, & enjoy music. We will have hands on activities including play-do, paint, and seasonal related crafts. You will be asked to bring a snack one week during the semester.				
<u>Homework:</u>	N/A				
<u>Supplies:</u>	parents need to provide children with diapers and wipes, sippy-cups and nap time items (this includes a sleeping bag, and or nap mat, sheet, a pillow and a blanket. If a child has a favorite thing he likes to sleep with, he/she is welcome to bring it).				

Sign Language

<u>Class #:</u>	693	<u>Class Time:</u>	11:00 - 12:00	<u>Teacher:</u>	Sheyla Gayler
<u>Fee(s):</u>	Class Fee \$7.00				
<u>Description:</u>	This class is taught by Meagan Gayler. Each week students will learn new signs and develop knowledge of daily conversation structure in ASL. In order to know how much information each student is retaining, there will be quizzes, and practice tests. Active participation in class is required.				
<u>Homework:</u>	Signs learned in class will need to be practiced every week. Assignments or homework will be distributed each week.				
<u>Supplies:</u>	Pencil and/or pen, folder, notebook.				

Spanish II For High School Credit

<u>Class #:</u>	821	<u>Class Time:</u>	9:00 - 9:55	<u>Teacher:</u>	Colleen Epstein
<u>Fee(s):</u>	Class Fee \$35.00	Teacher Fee \$40.00	Building Fee \$10.00		
<u>Description:</u>	This class covers all of the grammar that is traditionally covered in second-year Spanish, as well as a considerable amount of vocabulary. Correct phonetic pronunciation, syllable stress, oral skills and listening comprehension will be emphasized. This is a 2 hour long, 30-week, class. The second hour of each class period will be spent in aural comprehension and oral expression.				
<u>Homework:</u>	This class will be a challenging High School level class, and students should expect to spend 5 hours in study and homework per week. All homework will be corrected by the student, and most quizzes will be administered and graded by the parents with the provided answer key.				
<u>Supplies:</u>	An UNDATED check for the \$60 refundable deposit is needed to borrow the teacher's textbooks, and is due by the first day of class. Wide rule notebook paper, mechanical pencils, a blue pen, a red pen, a 2" 3-ring binder with optional pocket dividers, and 1-2 pkg of small lined index cards.				

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Spanish II For High School Credit (2nd hour)

<u>Class #:</u>	822	<u>Class Time:</u>	10:00 - 10:55	<u>Teacher:</u>	Colleen Epstein
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$0.00		\$0.00		\$0.00
<u>Description:</u>	This is the second hour of instruction in Spanish II.				
<u>Homework:</u>	N/A				
<u>Supplies:</u>	N/A				

Starting Points (Hour One)

<u>Class #:</u>	842	<u>Class Time:</u>	10:00 - 10:55	<u>Teacher:</u>	Susan Bryant
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$10.00		\$40.00		\$10.00
<u>Description:</u>	(continued from fall semester) Starting Points is a 2 semester, 15 week class that is a carefully designed program for 8th - 12th grade students which will enable them to examine ideas against the absolute standard of a 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.				
<u>Homework:</u>	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.				
<u>Supplies:</u>	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. We will be watching two videos as part of the curriculum as well, but those will be provided. Students will also need paper, pen, an enthusiastic attitude! We'll be doing LOTS of discussion in class.				

Starting Points (Hour Two)

<u>Class #:</u>	843	<u>Class Time:</u>	11:00 - 12:00	<u>Teacher:</u>	Susan Bryant
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$0.00		\$0.00		\$0.00
<u>Description:</u>	(continued from fall semester) Second hour of Starting Points				
<u>Homework:</u>	See description for hour 1.				
<u>Supplies:</u>	See description for hour 1.				

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STEAMPUNKED

Class #: 881 Class Time: 9:00 - 9:55 Teacher: Tia Berg

Fee(s): Class Fee
\$20.00

Description: One of the most unique courses you will take: part history lesson, part literary adventure, part technological exploration and part artistic pursuit!
STEAMPUNK is a fascinating blend of science fact and science fiction, which pairs Victorian era sensibilities with steam-powered technology, futuristic inventions and fantastical voyages. We will: make STEAMPUNK style jewelry & crafts (items for both boys and girls); design our own airships; partake of Victorian high tea together; read short stories by great writers like H.G. Wells and Jules Verne; learn about Victorian rituals like fan etiquette, calling cards and letter-writing; and explore extraordinary scientific inventions and gadgets, both real and imaginary. Some objectives will be: to outline the major events in 19th century world history and examine the connections between the social issues facing Victorian England and the escape into science fiction, to examine the technological revolution that led to life as we know it today and to appreciate the Neo-Victorian-Industrial-Fantasy style of STEAMPUNK design.

Homework: some reading, researching, crafting
*We will watch the Dick van Dyke movie "Chitty, Chitty, Bang, Bang" at Mrs. Berg's house!

Supplies: N/A

Strategy Games

Class #: 655 Class Time: 2:00 - 3:00 Teacher: Julie Avedikian

Fee(s): Class Fee
\$10.00

Description: Join us for an hour of fun games that make you think!!! We will enjoy playing strategic game such as Chess, Risk, Stretego and many more! Come ready to play, think and have lot of fun!

Homework: None

Supplies: Occasionally, I will ask you to bring one of these games if you already own it. I will send an email the week before requesting game to be brought.

Texas! A Walk Through Our Great State

Class #: 315 Class Time: 2:00 - 3:00 Teacher: Zeta Falkenberg

Fee(s): Class Fee Teacher Fee Building Fee
\$10.00 \$0.00 \$0.00

Description: In this class we will explore some of the many things that make our state great! We will learn some basic Texas history, sample some Texas cuisine, learn about the different regions of our state, symbols, and much more.

Homework: No homework is required for this class.

Supplies: Basic school supplies, such a pencils, glue stick, scissors, markers, colored pencils.

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Ultimate Frisbee

<u>Class #:</u>	602	<u>Class Time:</u>	10:00 - 10:55	<u>Teacher:</u>	Lori Taylor
<u>Fee(s):</u>	Class Fee		Teacher Fee		Building Fee
	\$5.00		\$0.00		\$0.00
<u>Description:</u>	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.				
<u>Homework:</u>	none				
<u>Supplies:</u>	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.				

Walkers

<u>Class #:</u>	1111	<u>Class Time:</u>	9:00 - 9:55	<u>Teacher:</u>	Tamara Leraas
<u>Fee(s):</u>	Class Fee				
	\$0.00				
<u>Description:</u>	The Walkers class is provided for children that are between the ages of one and two as of September 1, 2011. 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.				
<u>Homework:</u>	N/A				
<u>Supplies:</u>	Labeled sippee cup, paint shirt, diapers, change of clothes, blanket and napping items (includes sleeping bag and or nap mat with sheet and pillow)				

Worship Band - More Than Just Music

<u>Class #:</u>	663	<u>Class Time:</u>	11:00 - 12:00	<u>Teacher:</u>	Ted Blair
<u>Fee(s):</u>	Class Fee				
	\$15.00				
<u>Description:</u>	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, bass, keyboard, drums (if you have them) and let's rock the flock.				
<u>Homework:</u>	We will assign homework as needed each class.				
<u>Supplies:</u>	instrument and gear if you have it. (i.e. guitar, amp, etc.)				

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Yards of Yarn

Class #: 673 Class Time: 11:00 - 12:00 Teacher: Mori Randal

Fee(s): Class Fee
\$15.00

Description: Everywhere you look you see adorable hand knit items, from dishcloths and blankets, to hats and scarves. Come learn the simple techniques used to create these yourself. You will learn the basic knitting stitches, how to follow a knitting a pattern and much more. We'll start simple, but once you learn the basics, there's no end to what you can create. You will need to provide knitting needles, but I'll provide everything else. New and experienced students welcome.

Homework: 30-45 minutes a week to work on projects.

Supplies: scissors, Knitting needles, more specifics will be emailed later.

Yearbook: Design, Layout and Basic Photography

Class #: 665 Class Time: 2:00 - 3:00 Teacher: Kelly Ballard

Fee(s): Class Fee
\$10.00

Description: Our class will work together to publish the PATH Yearbook for the whole co-op to enjoy. We will work on design skills, photography, page layout, ad-sales and journalism-style captioning. Having access to a digital camera that can be used during PATH is a must. Internet access is a must for homework.

Homework: 1-2 hours per week at home, with more hours possible towards the close of the semester.

Supplies: standard school supplies, access to a digital camera is a must and access to the internet/PC at home
