

Fireside Academy 2010-2011

Course Catalog

We look forward to seeing you all on June 11th, 2010 at our Open House, 6-8:30pm. It's a perfect opportunity to talk with our teachers about the current course offerings, as well as have a tour of the new facility.

About Fireside Academy Community Co-op

Our co-op classes are held on Tuesdays, September 14th to May 10th.

Our classes meet at Carpenter's Community Church, 4609 Newburg Rd., Nazareth, PA, 18064.

The Fireside Academy Community Co-op for Homeschoolers is a unique, not-for-profit organization, offering support and encouragement to parents who are teaching their children at home through traditional and cyber-education methods. Fireside Academy helps foster a sense of community for homeschooling families. Our enrichment classes and extra-curricular activities provide opportunities for social interaction with others who understand a lifestyle focused on family and education. Our website and free on-line newsletter keep families informed of upcoming events and opportunities for families of Lehigh and Northampton Counties of Pennsylvania, as well as western New Jersey.

Full Membership \$60 + Volunteer Commitment**

A full membership is necessary for those families wishing to take advantage of our co-op classes. Fireside Academy Classes offers a variety of academic and enrichment courses in a supportive environment for families. Our co-op classes will meet one day a week for thirty-two weeks, from September to May, with intermittent breaks.

Our weekly classes serve to create an environment that encourages children to love learning while providing opportunities for academic excellence and achievement. We assist families by offering weekly classes taught by specialists in each field who are usually homeschooling parents as well. By pooling our resources, we are able to offer a rich diversity of expertise that helps families build upon their own knowledge and abilities by providing broader educational experiences.

Our classes support the home education program through classroom experiences, giving both a framework as well as outside accountability and mentoring. Often when homeschooled children reach middle school, they will wish to pursue subject matter that is difficult or foreign to the parent teacher. Many high school diploma programs require courses which some parents feel uncomfortable teaching on their own. Our classes help meet these needs for families by bridging any gaps in the home education program, while offering the benefits of a small-sized classroom experience for students.

More than academics, our classes provide homeschooling families with the opportunity to work cooperatively in an atmosphere of mutual respect, organized structure with flexibility, and interest driven exploration. We feel that offering opportunities for homeschooled children to participate in musical theater, or to develop new hobbies by learning to knit, paint, or sew, are vital to a rich educational experience. We also offer the opportunity for youth to create a yearbook and newspaper, documenting

their experiences and providing information for our co-op families. We offer informal small groups, such as sewing circle, chess, runner's, and game clubs.

****CO-OP means COmmunity + CoOPERation**

Our wonderful classes are only part of the the experience here at Fireside. We strive to create a true homeschooling community for our children and parents. We know that if we pool our efforts, we are able to operate a smoothly-flowing experience, and offer greater opportunities outside of class days. As such, each family is responsible to fulfill some sort of volunteer commitment to the co-op. Please visit our volunteers tab on the website and our volunteer sign up table at Open House to sign up for a job that suits your lifestyle.

Full Membership also *includes all benefits of the social membership* listed below.

Social Membership \$20

A social membership allows participation in many activities such as field trips, workshops, and teen events. We have members-only events for parents as well, that will include instructional seminars and small groups. We offer special events for homeschooled students such as educational fairs, picnics, and a high school prom. Social Membership also includes one free entry into our educational fairs per family. Each family with a social membership will receive an annual directory.

Mission Statement

It is the purpose and mission of Fireside Academy Community Co-op to provide homeschooling families and families of cyber-educated students opportunities to participate in cooperative, enriching, group learning experiences. It is the aim of Fireside Academy to keep the natural love of learning alive by offering engaging learning experiences in the sciences, mathematics, language arts, foreign languages, fine arts, history, social studies and physical education and other special interest subjects. We believe that it is important to create a learning environment that acknowledges differences in learning styles, nurtures a student's self esteem and embraces students from all denominations, races, and sectors of life.

Philosophy

Fireside Academy operates under the premise that learning is a gift with its own intrinsic rewards. We believe that learning flourishes when students are given opportunities to become involved in the process of their own education. We believe that it is important for students to interact with enthusiastic, knowledgeable, respectful facilitators in a friendly, non-threatening social environment. Learning fostered through a spirit of cooperation and mutual respect allows students the freedom to explore and expand their boundaries without the fear of making mistakes.

Non-Discriminatory Policy

The Fireside Academy Community Co-op is *truly* an ecumenical group. It admits students of any sex, race, color, national, ethnic origin and religious affiliation to all rights, privileges, programs, and activities made available to students in the program. It does not discriminate on the basis of race, color, national and ethnic origin or religious affiliation in the administration of policies, or any program-administered events, activities or classes.

Fireside Academy Community Co-Op

Course Descriptions 2009-2010

English and Language Arts

SCIENCE FICTION and FANTASY LITERATURE 9th-12th (ENG300) – *Core, graded HSC 1.0*

This is a core English class that develops the student's abilities in literary analysis and creative writing. Areas to be covered include the writing process, developing strong plot and characters; using devices such as tone and setting; determining audience and purpose; and research skills for the creative writer. During the year the student will complete numerous lesson specific assignments, culminating in a 10-15 page short story. Student's knowledge of literary terms will be strengthened through the completion of various writing assignments focusing on specific skills, enhanced by the analysis of classic literature within this genre. The goal is to prepare them for future college English classes. Successful completion of course will earn one full credit of high school English. In addition to reading of various short stories, excerpts, and poems, students will need to read the following novels throughout this course:

Harry Potter and the Sorcerer's Stone by J.K.Rowling;

Frankenstein by Mary Shelley; *The Time Machine* by H.G. Wells;

The Princess Bride by William Goldman; as well as one other, approved by instructor.

The culmination of the course will be the publishing of the student's short stories in a class book.

Prerequisite: This is a writing intensive course. Student should possess a solid knowledge of English grammar and be able to comfortably complete 1-2 page creative writing assignments each week with ease. **Required for class:** Binder to hold teacher created materials. **Homework:** 3-4 hours weekly

Tuition: \$160 **Materials:** \$40 **Instructor:** Angela Landis **MAXIMUM:** 15 students

MIDDLE SCHOOL WRITING 6-8th (ENG200) -*Core, graded*

This is a core class that will develop composition skills and introduce students to literary analysis. Topics will include, but are not limited to: the writing process, the four types of writing, use of active voice, point of view, language use/grammar, reading comprehension skills, and figurative language. Writing will include essays, book/movie reviews, short stories, poems, journal assignments, comprehension questions and more. Four books will be used for class activities and projects, as well as numerous short stories, book excerpts, and poems. Students must also maintain an independent reading log at home. Required texts: *Chasing Vermeer* by Blue Balliett ISBN 0439372976;

The Wonderful O by James Thurber ISBN 04404005793;

Walk Two Moons by Sharon Creech ISBN 0064405176;

Where the Red Fern Grows by Wilson Rawls ISBN 0553274295.

Prerequisite: Student should be able to construct a 2-3 paragraph piece without difficulty. **Homework:** 3-4 hours weekly **Required for Class:** Binder, with paper and writing utensils. **Tuition:** \$160

Materials Fee: \$25 **Instructor:** Laurel Wenson **MAXIMUM:** 20 students

ELEMENTARY LITERATURE 4-6 (ENG100) *Core Supplemental, graded*

We are going to read books from different genres. Along with reading books for knowledge and vocabulary building, we will be learning about the English language AND the literary process. We will cover correct sentence structure, writing simple paragraphs, and researching topics. The goal is to write a short report using the 5-paragraph approach, using transitions and a bibliography.

This class is meant to be an enrichment to your child's language art program done at home; not a replacement. This class encourages a lot of student/student and student/ teacher interaction, and is

always a great deal of fun! **Prerequisite:** Ability to read short chapter books **Required for Class:**

Materials Binder w/ dividers; access to a library or the internet **Required Books:** 3-4 titles, TBA
Homework: 2-3 hours weekly **Tuition:** \$96 **Materials** \$ 40 **Instructor:** Connie Callahan
MAXIMUM: 8 students

AMERICAN HISTORY thru LITERATURE 1-3rd (LAH100) *Enrichment*

Students in early elementary learn best by experiencing things. This cross-curricular class will use literature as a tool to help take the students back in time. Classroom activities will include teacher readings, hands-on activities, role playing, and follow up worksheets. It is hoped that this approach will allow the class to survey a wide variety of events in American history. Weekly homework will allow parents to keep abreast of topics covered. *This class is meant to be an enrichment to your child's language arts and reading program done at home.* **Required for Class:** Materials Binder/folder
Homework: ½ hour per week **Tuition:** \$96 **Materials** \$30 **Instructor:** Patti Mahaney
MAXIMUM: 15 students

Fine Arts and Crafts

ART through GREAT ARTISTS: (ART 301) 9-12 *Elective, graded HSC 0.5*

Just what is art anyway? In this course, we will be taking a look at various artists to help students develop a vocabulary to see and talk about art and to develop their artistic skills. The art skills learned in this class will help reluctant artists realize they can make art and will help budding artists further develop their eye and skills. Artists we will look at include Mondrian, Picasso, Kandinsky, O'Keefe, and others. Projects will include watercolor, acrylics, collage, and others. History of artists will be included and students will take some notes in class. Students will be expected to participate in the end of year Art Show. **Tuition:** \$128 **Materials:** \$40 **Instructor:** Renee Hagan **MAXIMUM:** 12 students

ARTS & CRAFTS 4th -6th (ART202) *Enrichment*

This class is aimed at engaging upper elementary students will complete various seasonal arts and crafts. We will also complete and discuss various basic art concepts, including color design and texture. Many projects produced in class would be ideal for entering in our Art Fair, held each February. **Tuition:** \$96 **Materials:** \$35 **Instructor:** Maria Marlin **MAXIMUM:** 12 students

ART thru the ALPHABET K-2nd (ART101) *Enrichment*

In this class, students will use the letters of the alphabet in creating various art projects. Themes will be created and enforced through arts and crafts projects. For example, students will do projects for Autumn and Apples when studying the letter "A". Using the alphabet as our theme, students will also be creating their own alphabet art book throughout the course of the year as a keepsake. **Supplies Needed:** Provided, with the exception of a few requests for random items, such as milk or cardboard egg cartons. **Tuition:** \$96 **Materials:** \$35 **Instructor:** Julie Minor **MAXIMUM:** 12 students

CALLIGRAPHY 8th-adult (ART303) *Enrichment , Graded*

Students will learn the basics of calligraphy. Students will learn how to set up, space and create simple works using the skills learned in class. Students will create a book using different types of calligraphy. **Required Supplies:** ruler,pencil,pencil sharpener, eraser. **Homework:** 1-2 hours, weekly
Tuition: \$96 **Materials:** \$60 **Instructor:** Julie Minor **MAXIMUM:** 12 students

DRAWING with CHILDREN 1-4th (ART102) *Elective*

Using many techniques from Mona Brookes' *Drawing with Children*, students will be introduced to art terminology, principles, and a wide variety of mediums. We will explore different artists and illustrators and create art based on their styles. **Supplies:** Provided in class, and occasional inexpensive frame. **Tuition:** \$96 **Materials:** \$40 **Instructor:** Heidi Giacoletti **MAXIMUM:** 12 students

HIGH SCHOOL FINE ART 9-12th (ART302) *Elective, graded HSC 0.5*

In this art class the student will develop skills, visual perception & self-expression through projects focusing on the elements & principles of design such as line, shape, balance, and unity. Many projects will use the guided drawing technique. Projects may include still lives, art based on photographs, lettering and graphic design. We will explore different artists and illustrators and create art based on their styles. Student will be expected to participate in the end of year Art Show. **Supplies:** Provided in class, and occasional inexpensive frame. **Tuition:** \$128 **Materials:** \$40 **Instructor:** Heidi Giacoletti **MAXIMUM:** 12 students

HIGH SCHOOL DIGITAL PHOTOGRAPHY 9-12th (PHO300) *Elective HSC 0.5*

This course will start off with pinhole photography, in which students will make their own pinhole cameras, take and develop negatives and make positive prints. During the rest of the course, students will learn about digital photography and how to take better pictures. Areas of focus will include digital basics such as pixels, resolution, file formats and compression. On the artistic side, we will look at areas such as focus, view, and elements of composition. Students will be focusing on seeing and capturing their subject matter as intended without the benefit of photo-editing on the computer. Class will also include critique of students photos and writing an artist's statement. Student will be expected to participate in the end of year Art Show. **Required Equipment:** Students must provide their own digital camera that they know how to operate (no instruction on individual camera specific use will be given). Students will be required to upload their weekly photos to a non-public website by Saturday evening. Students will also need a 3-ring binder with notebook paper. **Homework:** Majority of photo-taking will take place outside of class time. As with most things, practice improves skills. I recommend allotting at least 30-60 minutes weekly to take pictures, sort them, and upload final choices to the website. **Tuition:** \$128 **Material Fees:** \$42 **Instructor:** Renee Hagan **MAXIMUM:** 10 students

HISTORY OF CLASSICAL MUSIC 7-12th *Elective HSC 0.5*

This course will explore the history of classical music from the early Medieval period through modern day, including some of the modern genres that have evolved from classical music. Students will complete time line assignments, music theory worksheets, composer biographies, and two semester projects of the student's choice. An oral presentation will be required each semester as well. Numerous audio/video clips will be utilized in class. Students will also learn about the history of the orchestra and basic music theory components. **Required for class:** binder or folder. **Homework:** 1 hour weekly **Tuition:** \$128 **Materials Fees:** \$30 **Instructor:** Laurel Wenson **MAXIMUM:** 20 students

MIDDLE SCHOOL APPLIED ART (ART201) *Elective*

This class is aimed at engaging the older elementary/middle schooler with various drawing and painting media. We will explore the different uses of color, as well as working with neutrals and black and white. We will move beyond a traditional drawing class, we will be concentrating more on exploring different drawing and painting mediums. Student will be expected to participate in the end of year Art Show. **Tuition:** \$128 **Materials:** \$40 **Instructor:** Tammy Jarratt **MAXIMUM:** 12 students

MIDDLE SCHOOL DIGITAL PHOTOGRAPHY 6-8th (PHO200) *Elective*

See description for High School Digital Photography above.

Tuition: \$128 **Material Fees:** \$42 **Instructor:** Renee Hagan **MAXIMUM:** 10 students

MUSIC THEATER- (THE200) *Elective*

Our production for this year is Roger & Hammerstein's "*Cinderella, Jr*". The first month involves theater and vocal techniques, audition tips, and auditions. The remainder of the year involves all aspects of production: rehearsals, music, choreography, props, sets, and more. During the year, students will learn proper use of voice and body on stage, stage directions and blocking, theater terms and teamwork. It is imperative that students arrive ON TIME for this class—those arriving late on a regular basis will be recast. Show dates are April 8 & 9th. Non-singing roles are available as well as a few stage crew positions. A few additional rehearsals will be scheduled for music and choreography.

Homework: Varies; time needed to learn lines and songs. **MAXIMUM:** 40 students

Tuition: \$160 **Materials:**\$50 (incl. production costs, royalties, etc.) **Instructor:** Laurel Wenson

THEATRE GAMES -3-6th (THE100) *Enrichment*

This class will use theater/music games to teach various theater concepts. Some of the goals of the class are to develop knowledge of stage directions, focus, observation, theater vocabulary, teamwork, use of the body and voice, improvisation, memorization, characterization, and more. In addition to the games, simple skits will be rehearsed. Class activities may also incorporate some music activities to develop rhythm, focus, and teamwork. This class will culminate in a final spring performance in which each student has the opportunity to perform. The goal is that through this study, students will have fun as they learn drama skills and gain confidence, poise, self-control, discipline, memorization skills and an enjoyment of the theater. **Homework:** Time needed for memorization. **Tuition:** \$128

Materials: \$30 **Instructor:** The Senior Trifecta (Maria Marlin, Elizabeth Wenson, and Rebecca Six. **MAXIMUM:** 25 students

Health and Physical Education

HEALTH& SAFETY 1-3rd (PEH100) *Enrichment*

This class will cover basic health and safety topics including, but not limited to: the human body, nutrition, healthy lifestyle, basic first aid, outdoor/home safety, citizenship, fire safety and prevention.

This will be a "hands-on" project-based class. **Required Materials:** 3-ring binder **Tuition:** \$96

Materials Fee: \$35 **Instructor:** Melody Lee-Imhof

INTRODUCTION TO GYMNASTICS 1-8th (GYM100) *Enrichment*

We will stress body awareness, strength, and flexibility basics while learning gymnastics skills. We will progress through basic positions to a variety of rolls, handstands, cartwheels and walkovers. A spirit of fun and excitement will balance with focus and self-control to create a well-rounded gymnast.

Required Equipment: comfortable, close-fitting clothing and a jump rope **Tuition:** \$96 **Materials:**

\$25 **Instructor:** Sissy Kennedy **MAXIMUM:** 12 students

KARATE Grade 6-Adult (PEH300) *Enrichment HSC .25*

"Martial Art is not about fighting or toughness, but about patience, humility and selflessness."

This is the philosophy of Family Tree Karate, the dojo where I train, and it is the philosophy that will guide our class. We will cover basic techniques- stances,punches, and kicks—as well as combinations, self-defense and how to fall safely. This class is totally non-competitive and geared to any fitness or ability level. Each individual will improve his or her own strength, flexibility, balance, coordination,

and speed. Respect and self-control are essential components of the class. This is a course where parents are welcome to become students! **Required for class:** A white Fireside Academy t-shirt * and loose fitting black pants **Tuition:** \$96 **Materials Fee:** \$30 (*shirts are included in fee)
Instructor: Dr. Salli Wood **MAXIMUM:** 20 students

PILATES PLUS! 7th-adult (PIL100) *Enrichment HSC .25*

In this class, we'll be strengthening our core (abdomen) and entire body using Pilates and other modes of exercise. Proper form and breathing will be emphasized. All fitness levels are welcome, but classes will begin at a beginner's level and advance in intensity throughout the year as each student progresses. This is low impact yet very effective—be prepared to get sweaty. Modifications can be made to accommodate many needs. We will also be using equipment such as dynabands, small exercise balls and other fun things. This is a course where parents are welcome to become students! **Required equipment:** a personal Pilates /yoga mat and comfortable clothing. **Tuition:** \$96 **Materials:** \$35
Instructor: Anna Detterline

RUNNER'S CLUB (PEH301) *Club HSC .25*

This is a recreational club that will focus on running as a noncompetitive lifetime sport. All experience levels are welcome. Participants will begin a run-walk program and progress weekly with optional participation in a local 5K event at the end of the year. Stretching, core strengthening, and overall fitness will also be covered. **Required for class:** Comfortable clothing and sneakers
Tuition: \$64 **Materials Fee:** \$20 **Instructor:** Tait Wasser **MAXIMUM:** 15

Home Economics

CAKE DECORATING 6th grade-up (COO200) *Enrichment*

This course is a hands-on introduction to cake decorating. Instruction will start at the beginner level and move toward complex cake decorating skills. Students will learn to make flowers, roses, trims, and more. More advanced techniques using fondant and modeling chocolate will follow. Students will be expected to bring an un-iced cake and icing to class on occasion. **Homework:** 1-2 hours weekly
Required equipment: 4 basic tips and icing bag set **Tuition:** \$96 **Materials:** \$45 **Instructor:** Susan Gauthier **MAXIMUM:** 15 students

COOKING & BAKING-INTERNATIONAL CUISINE 6^{th-UP} (COO100) *Enrichment*

International cooking is a class that incorporates good taste with good nutrition. It is designed to broaden the students palate and ideas about food by exposing them to new flavors and techniques. Each month, we will be exploring spices and foods that are typically associated with different world cultures. Required materials: Recipe card box and recipe cards. **Please note:** Any students who took this class during the 2009-10 term are not permitted to repeat, out of fairness to others. **Tuition:** \$96 **Materials:** \$64 **Instructor:** Eliana Sekkidou **MAXIMUM STUDENTS:** 8 students

MACHINE SEWING BASICS 5th-up (SEW100) *Enrichment*

Students will learn the basics of hand stitching and practical sewing skills, such as repairing a seam, hemming a garment, and sewing a button. Students will then move on to create useful projects while learning the basics of measuring, pattern use, sewing safety, and basic sewing machine skills.
Homework: Student choice **Tuition:** \$128 **Materials:** \$64 **Instructor:** Eileen Cuce
MAXIMUM: 8 students (* more students possible if able to bring own sewing machine)

RECYCLED/ REWORKED SEWING 6th-up (SEW200) *Enrichment*

Recycled sewing is the newest trend in crafts and design. Imagine refashioning pre-made garments

into personalized items, or turning an empty juice pouch into a change purse! Students will learn to create beautiful projects such as pillows, potholders, scarves, blankets, and even garments out of recycled fibers and materials. Most projects will be constructed and embellished using a variety of hand-sewing techniques, with some machine sewing. It is not only budget friendly, but earth-friendly as well! **Tuition:** \$96 **Materials:** \$64 **Instructor:** Eileen Cuce **MAXIMUM:** 12 students

Foreign Language

CONVERSATIONAL GERMAN, 7th -12th (GER300) *Elective, graded HSC 0.5*

This course is designed to teach the beginning student to listen and understand as well as speak German. While this is a conversational class, there will be some reading and writing assignments as well. Students are introduced to basic German vocabulary and grammar. Heavy emphasis is on conversational practice, where students will develop the ability to converse in both spoken and written German through the use of simple sentences, dialogue, games and role-playing. Additionally, students will be required to do weekly assignments in their textbook as well as vocabulary memorization. Basics of modern German culture, geography, and daily life will also be included. The class will revolve around practical and authentic uses of the German language in everyday life. Quizzes and evaluations of performance will reflect this real world focus. Verbal participation is *absolutely* mandatory.

Required Text: Barron's *Learn German, The Fast & Fun Way*, 3rd Edition by Paul Graves. ISBN: 0-7641-2540-0 **Homework:** 2-3 hours per week, for work in text and vocabulary memorization

Materials Needed: folder w/ pockets, colored markers, notebooks, 3-5 note cards **Tuition:** \$128

Materials Fee: \$40 **Instructor:** Sissy Kennedy **MAXIMUM:** 10

INTRODUCTION TO LATIN 4th-7th (LAT201) *Elective, graded*

this course introduces Latin in a fun and easy way! Of course, there are many serious reasons to study Latin in the elementary grades: increasing vocabulary, understanding grammar, developing interest in language, training the mind, and preparing for further study of Latin or any foreign language. The student will learn: Latin vocabulary and English derivatives; Latin sayings, prayers, songs, games, and simple conversation; beginning Latin grammar and review of basic English grammar. **Required materials:** *Latina Christiana, Vol I* (student text) by Cheryl Lowe; optional pronunciation CD, optional flash cards (Memoria Press 11-877-862-1097 www.memoriapress.com) **Homework:** Memorization and written exercises, 1-2 hours/week. **Tuition:** \$128 **Materials fee:** \$5

Instructor: Julia Six

LATIN IA 7th -10th (LAT301) *Core Curriculum, graded HSC 1.0*

Learning Latin has many benefits including vocabulary development, understanding of language and grammar, higher SAT scores, increased thinking skills and access to classical and Christian literature. The text, *Lingua Latina*, uses the natural method in which the students learn vocabulary and grammar in context by reading engaging stories in Latin. Besides being more interesting, this method has the students reading, speaking, and thinking in Latin, rather than focusing on grammar alone.

Required materials: Orberg, Hans H. *Lingua Latina - Familia Romana* (Book I) ISBN 1-58510-201-6 ; *Exercitia Latina I* ISBN 1-58510-212-1 Neumann, Jeanne Marie; *Lingua Latina: A College Companion* ISBN 1-58510-191-5. **Also required:** One-inch loose-leaf notebook with 5 dividers; paper; pens/pencils. **Homework:** Reading, written exercises, memorization. 4 hours/week.

Prerequisite: understanding of English grammar, willingness to do the homework daily.

Tuition: \$128 **Materials fee:** \$7 **Instructor:** Julia Six

SIGN LANGUAGE -4th -6th (SIG200) *Elective, graded*

This class will be an age-appropriate introduction to sign language. We will begin with finger spelling and progress to signing of basic words and simple sentences. We will use a variety of activities to learn

and practice our signing. Weekly quizzes will help to evaluate progress. We also will look at the history of signing as well as the culture of the deaf. As with any language, students will have to review regularly to strengthen signing skills. **Materials Needed:** folder for worksheets. **Required Text:** *A Word in Hand-Book One* by Garlic Press (fall semester) and *A Word in Hand-Book Two* by Garlic Press (spring semester). **Homework:** Appropriate practice of skills. **MAXIMUM:** 15 students **Tuition:** \$96 **Materials:** \$30 **Instructor:** Patti Mahaney

Mathematics & Business

After great consideration, Fireside Academy has discontinued teaching upper level math year-long courses. We firmly believe that mathematics is a discipline that requires an incremental progression and more instruction than is possible given one hour weekly class needed to ensure success. We conferred with the 25+ parents represented at a planning meeting, and agreed the best option is to offer elective math classes that support students instead.

*We also researched and met with numerous math instructors who all agreed the best instructional math program currently on the homeschool market is **Teaching Textbooks**. Many of us are currently using it with great success in our own homes, and agree with the recommendation.*

BIZWORLD 4-7th (BIZ100) *Enrichment*

Students will be introduced to the basics of business, entrepreneurship, and money managements. They will get acquainted with real-life issues such as taxes, paychecks, business costs, etc. They will learn how to write checks, make deposits, work in a team, prepare for a job interview among other skills. After finishing the curriculum, students will be able to put into practice everything they have learned through active participation in a simulated town. For a day, they will actually run a business in this actual town event (BizTown in Pittston, PA) and will have an opportunity to be CEO, CFO, sales manager or other positions. This course weaves together social studies (government, citizenship and the free enterprise system) with mathematics (finance and economics). The students will use the Citizen Guide as their text, which is included in materials fee. **Tuition:** \$96 **Materials:** \$42 **Instructor:** Cecilia Primero **Maximum:** 12

FUN WITH MATH 1-3rd (MAT100) *Enrichment*

This class will focus on developing an understanding of the patterns of mathematics through activities with concrete materials. The children will participate in activities using graphing, patterning, sorting and classifying, comparing, number relations and place value. The activities combined with a home math program will help a younger child see relationship and interconnections in math to greater success. No required text, equipment, or homework. **Tuition:** \$96 **Materials:**\$30 **Instructor:** Christine Hahn **MAXIMUM:** 10 students

MATH STRATEGIES/ALGEBRA PRIMER 4-8th (MAT200) *Core Supplemental,*

This class would be more appropriately titled, “Algebra Concepts for People who Dislike, Struggle With, or Just Plain HATE Math.” Designed for the upper elementary/ middle school student who is preparing to take algebra, this fun and friendly class aims to provide the tools and techniques needed for success. From positives, negatives, and whole numbers to fractions, decimals, and percents, the student will build the necessary skills to tackle more advanced topics and algebraic equations.

Required equipment: large binder with dividers; pencils and erasers; **erasable** colored pencils, 12 pk. **Homework:** 15-20 min, daily to practice solving problems for retention of mastery **Tuition:** \$128

Materials: \$35 **Instructor:** Connie Callahan

Science

BIOLOGY LAB 9th -12th (SCI301) *Core-Curriculum, graded HSC 1.0*

This is a college-prep high school level biology laboratory course. Students will be performing experiments, microscope work, and doing dissections. The class will focus on the scientific method, and lab reports will be required. **NOTE:** The course foundation is the theory of evolution. **Required Materials:** Notebook for lab reports and safety goggles. **Homework:** 3-4 hours weekly **Tuition:** \$128 **Materials:** \$80 (includes specimens and supplies) **Co-Requisite: Students should be taking a college prep biology program at home * or have in the past.* **Instructor :** Dr. Salli Wood **MAXIMUM:** 12 students **Dr. Wood will be happy to discuss curriculum options with any interested students.*

HUMAN ANATOMY 10th -12th (SCI302) *Core-Curriculum , graded HSC 1.0*

Through "Human Anatomy" we will cover the human body's structure and simple physiology. Starting with cell structure and function, continuing with tissue structure and function and finally investing each system's structure and function, all aspects of the human body will be addressed. **Required Text:** *The Human Body*, Wile, J, from Apologia Ministries and *The Anatomy Coloring Book* by Wyn Kapit . **Homework:** 1.5 hours x 5 days, weekly **Prerequisite:** High School Biology and Chemistry **Tuition:** \$160 **Materials:** \$45 **Instructor:** Shannon Fodale **MAXIMUM:** 7 students

EARTH AND SPACE SCIENCE 6-8th (SCI200) *Core-Curriculum, graded*

This class features an introduction to sciences of the earth and space: geology, meteorology, astronomy, and if time, oceanography. In this class, student's will take a close-up look at some of the Earth's most spectacular phenomena: volcanoes, earthquakes, fossils and floods. Through activities, we will the composition of the earth, moon, sun and planets; explore the causes of extreme weather; investigate changes in the earth that cause natural disasters; and learn how artifacts are uncovered. Students will complete a project for the science fair. **Required for class:** 3-ring binder w/ dividers and access to the Internet. **Text:** The Usborne Internet-Linked Science Encyclopedia ISBN 079452527X **Homework:** 2-3 hours weekly **Tuition:** \$128 **Materials:** \$40 **Instructor:** Angela Landis **MAXIMUM:** 15 students

ELEMENTARY SCIENCE 3-5th (SCI101) *Core-curriculum, graded*

This class will cover a range of elementary science concepts including, but not limited to: living things, ecology, weather, geology, and basic chemistry. Our focus will primarily be the natural world around us. This will be a project/experiment based class with a new topic every week or two. Students will complete a project for the science fair. **Required for class:** 3-ring binder **Homework:** 1 hour weekly **Tuition:** \$96 **Materials:** \$40 **Instructor:** Melody Lee-Imhof **MAXIMUM:** 12 students

FUN with SCIENCE 1-4th (SCI100) *Core-Curriculum*

Students will be introduced to a variety of science concepts at the early elementary level. Weekly instruction topics will be chosen across the fields of biology, chemistry, physics and earth science. This class will introduce the scientific method and experimentation at a level appropriate to the student's skill. **Required for Class:** Folder; Internet access **Homework:** about 1 hour weekly **Tuition:** \$96 **Materials:** \$40 **Instructor:** Julia Six **MAXIMUM:** 12 students

Social Sciences

AMERICAN HISTORY Advanced 4th -7th (HIS200) *Core Curriculum, graded*

This hands-on class is designed around the engaging Story of the World series, specifically focusing on the history of the early United States within the world. Topics covered: Colonies of the New World, spread of slavery, Sun King of France, English in India; Revolutionary War; Captain Cook and Exploration; Lewis and Clark; and The Gold Rush. Pennsylvania history will also be covered to meet PA requirements. Class time will be focused on hands-on activities, role playing, group projects and crafts that allow the students to delve deeper into a true understanding of American history and how it has shaped the country in which we live. Field trips to educational sites will be planned. Students are encouraged to participate in the History Fair, and will earn extra credit for the effort. **MAXIMUM:** 15 students **Prerequisite:** Student must be able to write full paragraphs **Required for class:** *Story of the World: Early Modern Times* by Susan Wise Bauer; 3-ring binder **Homework:** 2-3 hours weekly **Tuition:** \$128 **Materials:** \$45 **Instructor:** Herb Graner

AMERICAN HISTORY thru LITERATURE 1-3rd (LAH100) *Enrichment*

Students in early elementary learn best by experiencing things. This cross-curricular class will use literature as a tool to help take the students back in time. Classroom activities will include teacher readings, hands-on activities, role playing, and follow up worksheets. It is hoped that this approach will allow the class to survey a wide variety of events in American history. Weekly homework will allow parents to keep abreast of topics covered. *This class is meant to be an enrichment to your child's language arts and reading program done at home.* **Required for Class:** Materials Binder/folder **Homework:** ½ hour per week **Tuition:** \$96 **Materials** \$30 **Instructor:** Patti Mahaney **MAXIMUM:** 15 students

JEWISH HISTORY AND CULTURE (SOC300) *Core , graded HSC 1.0*

The student will learn about the holidays of the Jewish year-Rosh Hashanah, Yom Kippur, Succot, Hanukkah, Purim, Passover, and Shavuot. Student will explore the richness of the Jewish culture-calendar, language, religious practices, philosophy, food,games, dress, music and dance. The student will learn about Shabbat, the history and complexity of the Jewish people , the Holocaust, and the modern state of Israel, as well and explore the influence of Jewish culture on American and Christian culture. **Required for Class:** Bible (must include Old Testament) ; Internet access; binder/folder. **Homework:** 4-5 hours, weekly **Tuition:** \$160 **Materials** \$30 **Instructor:** Pam Wikkerink-Blank **MAXIMUM:** 16 students

PRAIRIE PRIMER 3-6th (SOC100) *Elective*

This multi-disciplinary class is based on the Little House series. We will focus on activities related to time periods covered in the books. Topics covered will be in the areas of science, health, nutrition, geography, literature, writing and crafts. Class time will be spent reviewing reading and doing projects and crafts related to the books. Students are encouraged to participate in the History Fair, and will earn extra credit for the effort. **Prerequisite:** Children must be able to read independently and do some writing. **Homework:** 2-3 hours weekly for reading **Tuition:** \$96 **Materials fee:** \$45 **Instructor:** Emily Graner **MAXIMUM:** 15 students

US GEOGRAPHY 3-6th (GEO200) *Elective, graded*

This class will be an introduction to the geography of the United States. Students will be completing a fifty state project book over the course of the class. We will not only discover the geography of the state, but also the state flag, bird, tree, flower, capital and other major landmarks. We will also create a simple meal and/or project for each state. **Homework:** 1-2 hours, weekly **Required for class:** 3-ring binder, construction paper. **Tuition:** \$96 **Materials:** \$25 **Instructor:** TBA **MAXIMUM:** 15 students

UNITED STATES HISTORY & GEOGRAPHY 9-12th (HIS300) *Core, graded HSC 1.0*

This full credit interdisciplinary course is designed to give students a solid knowledge of basic American history. Students will be learning and researching the story of our country through readings and time line essays. Additionally, students will be taught to think critically and evaluate sources. Reading and research assignments will be further explored through classroom discussion and hands-on activities. *Successful completion of this class will earn one full credit in US History and one half credit in US geography. Students are encouraged to participate in the History Fair, and will earn extra credit for the effort. **Required Materials:** *Barron's EZ American History* ISBN 0764142585 ; Binder with dividers; Internet access **Homework:** 2-4 hours weekly **Tuition:** \$160 **Materials:** \$35 **Instructor:** Angela Landis **MAXIMUM:** 16 students

WORLD CULTURES thru the PRISM of the SEVEN CONTINENTS 1-3rd (GEO100) *Elective*

In this class students will learn the seven continents, their land formations, the oceans that surround them and the rivers and lakes inside them. They will learn about major countries and cities on each continent, the people and cultures that live in them. They will explore the languages they speak, the food they eat and they daily life. Native animals and special/interesting facts about each culture will also be studied; some crafts, coloring and worksheets will round out the course. **Required for class:** Large binder w/ dividers; erasable colored pencils. **Homework:** ½ hour weekly **Tuition:** \$96 **Materials:** \$25 **Instructor:** Connie Callahan **MAXIMUM:** 10 students

WORLD GEOGRAPHY thru BROADWAY 7-12th (GEO300) *Elective, graded HSC 0.5*

Students will define, explain, and analyze various places and events throughout the world, using Broadway musicals as the starting place for each continent. The five themes of geography will be explored through mapping, research on various countries and cultures, group discussion, "Gazette" assignments, and semester projects. We will NOT be watching the musicals in full, but viewing relevant clips only. Successful completion of this course will earn a half credit of geography (required by PA homeschool law). **Required texts:** a world atlas of choice; the rest is provided. **Supplies:** Binder **Homework:** 1 hour weekly **Tuition:** \$ 128 **Materials fee:** \$25 **Instructor:** Laurel Wenson **MAXIMUM:** 20 students

Specialized ELECTIVE Classes

BUILDING THINKING SKILLS 4-6th (SKI100) *Enrichment*

In this enrichment course, students will have fun with activities and games which actually make them smarter! *Building Thinking Skills* from Critical Thinking Press provides highly effective verbal and nonverbal reasoning activities to improve students' vocabulary, reading, writing, math, logic, and figural spatial skills, as well as their visual and auditory processing. This exceptional series provides a solid foundation for academic excellence and success on any assessment test. **Required Materials:** Notebook or folder to hold worksheets; pencils. **Homework:** 30 min/week **Tuition:** \$96 **Materials:** \$10 **Instructor:** Julia Six

COLLEGE AND CAREER PLANNING 9-12th (PLA300) *Elective, graded HSC 0.5*

This course will focus on getting ready for life after high school. Whether the student is planning for college or going right to work after graduation, there are skills to learn to make that choice a success. Topics covered will include: career explorations, job search skills, applying to schools, goal setting, finances, time management and personal growth. Class time will involve lectures, hands-on activities, group activities and discussion. It is hoped that topics discussed will be followed up at home. **Text:** *What Color is Your Parachute for Teens*, by Richard Bolles and Carol Christen **Homework:** ½

to 1 hour, weekly. **Required supplies:** Notebook with dividers, pens, pencils, highlighters.
Tuition: \$128 **Materials:** \$35 **Instructor :** Patti Mahaney **MAXIMUM:** 20 students

DEVELOPING STUDY SKILLS 6-8th (SKI200) *Elective, graded*

As a teacher, I have discovered how critical good study skills are to a successful learning experience. This class was developed to cover a wide variety of topics, all geared toward developing and strengthening study skills. Topics covered will include: listening, learning styles, study environments, goal setting, note-taking, memory and test taking. Classes will consist of some lecture and several hands-on activities. Since this class is sequential in nature, homework is absolutely essential to its successful completion. **Homework:** 1 hour weekly **Required for class:** Notebook with dividers; pencils, highlighters **Tuition:** \$96 **Materials:** \$30 **Instructor:** Patti Mahaney **MAXIMUM:** 20 students

LEGO ROBOTICS Beginner (LEG100) *Enrichment*

In these classes, we'll use the LEGO Mindstorms NXT Robotics kit to design, construct, and program functional robots. We'll start by using step-by-step guides to make robots that play flashlight tag, sort M & M's by color, move through obstacle courses and climb across rope bridges. Then we'll use the knowledge gained to create original robots to solve specific problems. Students will learn basic engineering, programming, mathematics, and physics. All projects will require a team approach and all students will participate in all aspects of the class. **Prerequisites:** Must be in at least 5th grade. **Required for Class:** Design Notebook **Tuition:** \$128 **Materials Fee:** \$30 **Homework:** Minimal **Instructor:** Dr. Salli Wood **MAXIMUM:** 9 students

LEGO ROBOTICS Advanced (LEG200) *Enrichment*

See course description above

Prerequisites: Advanced Class students will need permission of instructor. **Required for Class:** Design Notebook **Tuition:** \$128 **Materials Fee:** \$30 **Homework:** Minimal **Instructor:** Dr. Salli Wood **MAXIMUM:** 9 students

ODYSSEY of the MIND 3rd -6th (ODY101) *Enrichment*

Odyssey of the Mind encourages creative, out-of-the-box thinking, problem solving, and working as a member of a team; all in the context of having fun (sometimes really silly fun). Participants will solve mechanical, verbal, physical, and mental problems and in the process will learn to brainstorm, evaluate ideas, make decisions, lead, follow, express themselves, and gain self-confidence. There will be some competitive aspects to our activities. **Tuition:** \$96 **Materials:** \$30 **Instructor:** Herb Graner **MAXIMUM:** 16 students

ODYSSEY of the MIND 7th -12th (ODY201) *Enrichment*

See description above.

Tuition: \$96 **Materials:** \$30 **Instructor:** Roseanne Roberts **MAXIMUM:** 16 students

Specialty Clubs

CHESS CLUB 3rd up (CLU100) *Club*

Chess club welcomes beginners to advanced players. Aside from learning basic chess strategies, students will practice chess notations. This will be helpful not only in reviewing chess games, but also in preparing them for a tournament, if interested. Participants will be given an opportunity to play against other members during class time. Outside chess players may also be invited to play against

members who need more challenges. Depending on interest, we will be competing either a rated or unrated tournament. **Homework:** 30 min/week **Tuition:** \$64 **Materials:** \$20 **Instructor:** Cecilia Primero

GAME CLUB K-12 (CLU200) *Club*

Does your child enjoy playing games but has few others to play them with? Would your child like to learn some new games? Would you like your child to learn some new educational games while developing new friendships? Then you may want to give Game Club a try. Game club is a wonderful way to wind down the day. Participants will have the opportunity to play many traditional board and card games, as well as some new favorites. Students can also bring their games from home to share. Although the club covers a wide age range, participants will play against others with the same ability level and interests. Plans for some game competitions are in the works **Tuition:**\$32 **Materials:** \$15 **Advisor:** Herb Graner

SEWING CIRCLE K-12th (SEW300) *Club*

This group will be open to students and parents of all ages who are interested in working on their own handcraft projects like sewing, knitting, needlework, felting, beading and any other similar crafts. Participants are encouraged to share their knowledge and experiences with other group members. The main focus of the group is to support and help one another and turn our UFO's (Un-Finished Objects) into completed items! One group project will be part of this club, such as a quilt for the art show; this will be decided once class interests are determined. **Required for Class:** You must supply your own projects, sewing kits, supplies, materials and equipment,etc. Materials needed for group project will be provided. **Tuition:** \$32 **Materials:** \$15 **Advisor:** Melody Lee-Imhof

YEARBOOK & NEWSLETTER 7th up (YEA300) *Club*

Students will actively participate in all aspects of yearbook production: layout,graphic design, computer skills, publicity, photography, and assembly. They will also contribute to our monthly newsletter with articles, interviews, reviews, creative pieces, and more. Students will learn how to utilize Microsoft Publisher, Print Shop, and Microsoft PowerPoint. Each will design their own PowerPoint presentation to present to the class in spring. **Required Text:** None **Supplies:** Binder or folder for work. Digital cameras helpful but not required; an email account is strongly encouraged for submitting items for publication. Laptops are welcome in class. **Homework:** One hour weekly, plus possible additional meetings in spring to finish up yearbook. **Tuition:** \$64 **Materials:** \$30 **Instructor:** Laurel Wenson