



## CLASS CATALOGUE FOR 2019-2020

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## About Fireside Academy

Our classes are held on Tuesdays, September 10, 2019 through May 19, 2020.

Our classes meet at Christ UCC, 75 East Market Street, Bethlehem, PA, 18018.

The Fireside Academy Community for Homeschoolers is a unique community 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, private Fireside Families Facebook page and free online newsletter keep families informed of upcoming events and opportunities for families of Lehigh and Northampton Counties of Pennsylvania and beyond, as well as western New Jersey.

## Building Our Community

Our wonderful classes are only part of 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 a volunteer commitment to Fireside. Please visit our "Volunteers" tab on the website, and review the requirements and escrow program, understanding that volunteer sign up must occur at time of registration (or promptly thereafter for mail-in registrations.) We will be having various summer activities for new families to introduce themselves to some of the current Fireside families and help answer any questions (dates TBA). We can't wait to welcome you into our community!

## Mission Statement

It is the purpose and mission of Fireside Academy Community 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, physical education, and other special interest subjects. We place importance on education and strive to provide college-preparatory academic classes. 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 is truly an ecumenical group. It admits students of any sex, race, color, nationality, 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.



## Membership

(\$75 + Volunteer Commitment\*\*)

A full membership is necessary for those families wishing to take advantage of our classes. Fireside Academy offers a variety of academic and enrichment courses in a supportive environment for families. A full 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 teen dances.

Our classes meet on Tuesdays for thirty 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 learn new hobbies by learning to paint or develop leadership skills 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 families. We offer informal small groups, such as sewing circle, chess, and running clubs.

**\*\*Parents are required to stay on site during all classes for children 4th grade and younger, and to provide a current cell number in case of emergency.**





## How to Read Our Catalog

Our class catalogue contains a thorough amount of detail for each class offered and it's important to understand how to read those details. A breakdown for a sample class is provided below.

In this sample class description, note the first line:

CLASS TITLE	Grades Intended	(Course Number)	Course Type	High School Credit
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Use this information to determine if this is a fit for your student by grade *first*. We do know that some students may have skills that are a grade above/below the cut off, so please note if you would like to be considered for that situation and call to discuss before registering. Note the course types: Core and Elective are graded classes; Enrichment and Clubs are usually non-graded. Many of our classes will fulfill the requirements for earning high school credit within most homeschool diploma programs.

**PREREQUISITES:** **There are often prerequisites listed in red print.** These are to ensure a positive learning experience for your student as well as others in the class. If your child does not meet them, find another class that is a better fit to his/her skill level.

**\*EDUCATION FAIR:** **Certain classes require participation in our annual Educational Fair on February 21, 2020.** This is an extremely fun and popular event for Fireside students of all grade levels and we highly encourage participation for *everyone* at Fireside. Education fair is much like a traditional "science fair", however, we offer 4 diverse categories: Science, History, Art and Culinary Arts. An entry to the fair is \$7 for the first entry, and \$5 for additional entries, per student. The Educational Fair fees are NOT included in class materials/tuition. *This is an additional cost* and helps cover the cost of certificates, ribbons, trophies, and event rental. This event should not be confused with Fine Arts Night.

**\*FINE ARTS NIGHT:** **Certain classes require participation in our annual Fine Arts Night on April 3, 2020.** This is an event in which Children's Theatre, Theater Games, Musical Theater, Stage Craft classes and music classes prepare and perform in front of an audience. This is a ticketed event and tickets must be purchased prior to the event. All art classes will also have art on display during the evening. These art pieces will be created in class and put on display by the individual teachers. This event should not be confused with Education Fair.

**DESCRIPTION:** The course description follows and will tell you about the class and its goals, list the required texts and supplies, and give you an estimated expectation of time for homework during the week (if any). The tuition, materials fee, instructor's name and maximum # of students in the class follows.

### COLOR CODES: Provided for Quick Reference

**YELLOW** = **Core Curriculum:** are the pillars of education. They are mandatory for education according to state law.

**GREEN** = **Elective:** interdisciplinary overlap with core courses. Credit can be obtained. Meet requirements set by law.

**BLUE** = **Enrichment:** courses lead to a well-rounded education such as music and art. They are not mandatory.

**PURPLE** = **Clubs:** offer a structured, non- graded opportunity for students with similar interests to work together.

To register for classes, please visit [www.FiresideAcademy.com](http://www.FiresideAcademy.com) and choose “Registration” under the Join menu or copy/paste this direct link:

<http://www.firesideacademy.com/homeschool-signup/register-for-homeschooling-classes>

## ENGLISH & HUMANITIES

### AMERICAN LITERATURE

9<sup>th</sup> - 12<sup>th</sup> (ENG300)

**CORE: Homework Required, Graded, High School Credit 1.0**

**Prerequisite:** Must be able to read and write at a 9<sup>th</sup> grade level or above.

**Description:** This is a full high school English course, which provides a survey of fiction and non-fiction written in the United States, Canada, and Latin America. Students will develop skills in writing and rhetoric as well as literary analysis. The course requires 4-5 hours of work per week, including assigned readings, writing exercises, and research. Writing exercises will be adapted from Susan Wise Bauer, *Writing with Skill*, to fit the course readings and grade level. A summer reading selection is also included, and students will complete a reading journal to be submitted at the start of the class.

**Required Text/Books** The format for the reading journal is available by request: please call 908.235.8489 or email [pjlachance@outlook.com](mailto:pjlachance@outlook.com). Assigned reading will include short stories and the following books. Students should obtain copies of the books for themselves, and any edition is acceptable: Willa Cather, *My Antonia*; Ray Bradbury, *Fahrenheit 451*; Ernest Hemingway, *Old Man and the Sea*; John Knowles, *A Separate Peace*; Narrative of the Life of Frederick Douglas: An American Slave, written by himself. **Homework:** 4-5 hours of work per week, including assigned readings, writing exercises, and research. **Tuition:** \$210 **Materials Fee:** \$45

**Instructor:** Paul LaChance **Maximum:** 12 students

### CREATIVE WRITING

Advanced 6<sup>th</sup>-9<sup>th</sup> (ENG200)

**Core-Curriculum Homework Required, Graded**

**Prerequisite:** This is a writing intensive class.

*Student must be able to write multiple strong paragraphs without struggle.*

**Requirement:** Students should also have access to the Internet for communication with instructor.

**Description:** This course is designed to introduce students to the basics of short fiction writing. Students will receive instruction on important elements of story writing and be given a variety of writing assignments designed to hone their skills and develop creative abilities. Topics covered will be basics of fiction; free-writing, Brave Writer style; understanding literary terms; importance of conflict, crafting a strong opening; creating engaging characters; developing plot; building climax; crafting dialogue; and the importance of setting. Every four weeks, a project will be developed from the initial assignments on various themes discussed in class. By the end of class, these skills will be combined in the creation of a minimum 10-page story, that will be compiled into a class book. In addition to creative writing assignments, a portion of this class will be used to solidify basic grammar knowledge needed for quality writing. Students will be required to keep a personal reading log and meet reading goals to fulfill core curriculum requirements. **Homework:** 2-4 hours weekly, building over time. **Supplies:** 3-ring binder with dividers. Fiction book to be determined over summer for class project. **Tuition:** \$210 **Materials:** \$50 **Instructor:** Angela Landis **Maximum:** 16 students



## **FIRESIDE ACADEMY**

### **LANGUAGE ARTS**

4<sup>th</sup> - 6<sup>th</sup> (ENG205)

**CORE:** *Homework Required, Graded*

**Prerequisite:** *Must be able to read and write at a 4th grade level or above.*

**Requirement:** *access to a computer & printer*

**Description:** Students will use in class activities, games, writing exercises, and homework to grow in their writing abilities and comprehension of grammar rules. The eight parts of speech, complements, parts of a sentence, correct word usage, subject and verb agreement, and punctuation rules will be some of the topics covered in class.

**Required Text:** Reading list will be shared over the summer. The books will be provided by the instructor and are included in the class materials fee.

**Supplies/Equipment required:** Binder to keep classwork in, loose leaf paper, and writing utensils **Homework:** 2 hours per week, along with reading time at various points throughout the year. **Tuition:** \$180 **Materials Fee:** \$35 **Instructor:** Jenny Hanson **Maximum:** 15

### **EXPLORING WRITING**

1st-3rd (ENG100)

**CORE:** *Homework Required, Graded*

**Prerequisite:** *early fluent reader. Able to read independently and comprehend.*

**Description :** In this class we will learn to communicate ideas through writing. We will begin learning about grammar, spelling, punctuation, capitalization and parts of speech. We will learn how to construct a complete sentence with these concepts. We will also learn pre-writing strategies to organize ideas. We will learn about main ideas and details and demonstrate them in writing. We will communicate our learning of writing through journals, writing stories, summaries and letters.

**Required Text:** N/A **Supplies/Equipment required:** Pocket folder and writing instruments. **Homework:** 1 hour per week **Tuition:** \$150 **Materials Fee:** \$50 **Instructor:** Maia Knowles **Maximum:** 14

### **FOREIGN LANGUAGES**

#### **HIGH SCHOOL SPANISH 2**

9<sup>th</sup> - 12<sup>th</sup> (LAN 305)

**Elective :** *Homework required, graded, 1.0 high school credits*

**Prerequisite:** *Student needs access to a computer, printer, and the Internet. Student also needs to be able to read and write for this class. Spanish 1 or equivalent Spanish experience/knowledge*

**Description:** Students will build on skills learned in Spanish 1 (or equivalent) to progress in the grammar, comprehension, vocabulary and culture of native speakers. Emphasis will be placed on conversational Spanish through music, literature, and listening activities.

**Required Text:** provided by teacher **Required Supplies:** three-ring binder, folder, notebook, index cards, pencil/pen **Homework:** 2-3 hours in addition to class time. **Tuition:** \$210 **Materials Fees:** \$70 includes text book. **Instructor:** Becky Weiss **Maximum:** 12

#### **LATIN 2**

7<sup>th</sup> – 12<sup>th</sup> (LAN 300)

**Elective:** *Homework required, Graded.*

**Prerequisite:** *Prior Latin study or tutoring.*

**Description:** This course will expose students to the language, culture and history of the Romans. The Cambridge Series emphasizes comprehension of the Latin language by reading and provides social and political background. Students follow the story of “Caecilius” and his family who lived in Pompeii in the first century AD. The program draws on the rich archaeological resources made available by the excavations of Pompeii and Herculaneum. The study of Latin strengthens and deepens students’ knowledge of English vocabulary and grammar, prepares them for the technical language in various disciplines, and gives students an advantage when studying other languages rooted in Latin and other inflected languages such as Russian or German. Additionally, Latin is a highly structured language that develops logical thinking skills. Students will work together with the instructor outside



of class-time to complete assignments and practice vocabulary. This class is a continuation the 2018-2019 Latin class. Families interested in joining the class may contact Paul LaChance to discuss summer tutoring to meet the prerequisite: 908.235.8489 [plachance@outlook.com](mailto:plachance@outlook.com).

**Required Text/Books:** Cambridge Latin Course Unit 2 - 4th Edition. Student Textbook ISBN-13: 978-0521004305; and Omnibus Workbook ISBN-13: 978-0521787413. (Cambridge University Press) **Required Supplies:** none. **Homework:** : 2-3 hours of work per week, including assigned readings, vocabulary and exercises **Tuition:** \$210 **Materials Fee:** \$45 **Instructor:** Paul LaChance **Maximum:** 12

### MIDDLE SCHOOL SPANISH 1

6<sup>th</sup> - 8<sup>th</sup> (LAN 205)

**Elective:** *Homework Required, Graded*

**Prerequisite:** Must be able to read and write for

**this class** **Description:** Thorough introduction to conversational and written Spanish preparing a solid foundation for the language. Cultural discussions, music and art activities will supplement the course for a full cultural experience. This course is designed to take 2 years to complete to allow for sufficient focus on grammar and cohesive planning with the Spanish 2 course instructor. Both courses will use same curriculum at the different levels to make student experience most complete and rewarding.

**Required Text:** Breaking the Barrier Spanish 1. By John Conner. ISBN 0-9728570-9-5

<https://tobreak.com/shop/spanish-level-1-beginner-book/>

**Required Supplies:** Folder, single subject notebook just for this class that will sometimes be handed in **Homework:** 1 hour that will include reading text, watching video, practicing speaking and vocabulary work **Tuition:** \$180 **Materials Fees:** \$40 **Instructor:** Jessica King **Maximum:** 15

### ELEMENTARY SPANISH

4<sup>th</sup> - 6<sup>th</sup> (LAN100)

**Elective:** *Homework Required, Graded*

**Prerequisite:** Must be able to read and write for this class

**Description:** Students will be introduced to the Spanish language in a fun and engaging way. Songs and activities, literature, projects and homework to reinforce learning will be will emphasize conversational use of the language. Students with previous knowledge can build on their learning and students new to Spanish will enjoy the variety of activities for all learning styles.

**Required Text:** N/A **Required Supplies:** binder or folder, notebook & notepaper **Homework:** 1-2 hours a week **Tuition:** \$150 **Materials Fees:** \$60. Includes required text and all worksheets. **Instructor:** Becky Weiss **Maximum:** 12

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## FINE ARTS

### APPLIED ART

7<sup>th</sup> - 12<sup>th</sup> (ART300)

**Elective:** *Graded HSC 0.5*

**Requirement:** *Participation in Educational Fair (2/21/20) is mandatory*

**Description :** This course offers students a broad range of experiences in a variety of media as well as an introduction to the elements and principals of design. Students will be expected to participate in the Education Fair on 2/21/20, using a project completed in class. Students will also have the opportunity to display their art at Fine Arts Night.

**Required Text/Books:** none **Required Supplies:** 11x14 sketch pad, multimedia paint brushes, drawing pencils **Homework:** 1-2 hours a week **Tuition:** \$180 **Materials Fee:** \$50 **Instructor:** Shana Thomas **Maximum:** 12

## MIXED MEDIA ART

7<sup>th</sup> -12<sup>th</sup> (ART 305)

**Elective:** *Graded, homework*

**High School Credit 0.5**

**Requirement:** *Participation in Educational Fair (2/21/20) is mandatory.*

**Description:** This course is designed to offer students an exploration of mixed media art including but not limited to altered books, collages, mosaics, 3-D masks, pottery, and more. They will learn to create and implement ideas using a variety of mediums to develop their creativity and design skills based on basic art concepts, cultural influences, and current trends. Students will be expected to participate in the Education Fair on 2/21/20. Students will also have the opportunity to display their art at Fine Arts Night.

**Required Text:** none. **Required Supplies:** Sketch book/art journal for 1st day. Additional supply list will be provided based on various class projects.

**Homework:** 1-2 hour weekly in art sketchbook developing/creating designs. **Tuition:** \$180 **Materials Fees:** \$50 **Instructor:** Alex House-Cooke **Maximum:** 15

## DIGITAL PHOTOGRAPHY

9<sup>th</sup> – 12<sup>th</sup> (PHO300)

**Elective:** *Graded, minimal homework*

**High School Credit 0.5**

**Requirement:** *Participation in Educational Fair (2/21/20) is mandatory.*

**Description:** This course will focus on both the creative and technical components of photography. Students will explore the essential elements of photographic theory, composition and light through various assignments. They will also learn how to use a camera in manual mode and do basic editing and organization of their work. Assignments will include work in storytelling, portrait and landscape/nature photography, among others. Students will be expected to participate in classroom discussion and critique as well as working on a photo journal throughout the year. A portfolio book of their choice work will be created and given to them at the end of the year.

**Required Text/Books:** none **Supplies Required:** Camera with Manual exposure capabilities Access to a computer and the internet (for organizing and uploading photos)

Notebook and pen or pencil **Homework:** 1-2 hours per week **Tuition:** \$180 **Materials:** \$60 **Instructor:** Naomi Kuhlken **Maximum:** 15

## DIGITAL PHOTOGRAPHY

6<sup>th</sup> – 8<sup>th</sup> (PHO200)

**Elective:** *graded, minimal homework*

**Requirement:** *Participation in Educational Fair (2/21/20) is mandatory.*

**Description:** This course introduces students to the basics of digital photography, including camera functions, working with light, and the elements of photo composition. Students will learn to create a good photograph and how to improve their photographs of the world around them. Through a variety of assigned projects, students will engage their creativity by photographing a range of subjects and by learning to see the world through the lens of their cameras. Students will work on a photography journal throughout the year and a portfolio book will be created of their choice photos at the end of year.

**Required Text/Books:** none **Supplies Required:** Camera - (Point and shoot, Phone, iPad, or a DSLR) Access to a computer and the internet (for organizing and uploading photos) Notebook and pen or pencil **Homework:** 1 hour per week **Tuition:** \$180 **Materials:** \$50 **Instructor:** Naomi Kuhlken **Maximum:** 15

## ARTS & CRAFTS

1<sup>st</sup> - 3<sup>rd</sup> (ART101)

**Enrichment:** *No Homework*

**Requirement:** *Participation in Educational Fair (2/21/20) is mandatory.*

**Description :** Students will be introduced to areas of study to find and appreciate art in their homes, communities and things they are able to create! Studies of artists, different styles of artwork and many materials will be used. Students will have the opportunity to work with clay, tempera paints, acrylic paints, watercolors, oil pastels, scissors, tissue paper, screen printing inks, holiday themed activities and a 3-D project. Study of color theory and the appropriate elementary art standards are touched on, but in a very fun and hands-on way. Students are asked to participate in the Fine Arts Night and to have a smock to be left at school to be



used for the entire year. We make some messes, so you don't have to while your kids have fun with it! Students will be expected to participate in the Education Fair on 2/21/20. Students will also have the opportunity to display their art at Fine Arts Night.

**Required Text/Books:** none **Required Supplies:** smock or old Tee shirt to be left at Fireside. **Homework:** none  
**Tuition:** \$150 **Materials Fee:** \$40 **Instructor:** Jessica King  
**Maximum:** 16

## **ARTS & CRAFTS**

4<sup>th</sup> – 6<sup>th</sup> (ART 200)

**Enrichment:** *No Homework*

**Requirement:** *Participation in Educational Fair (2/22/19) is encouraged.*

**Description:** This class will encourage the child's art interest and challenge the student to develop their skills and knowledge in arts and crafts. A variety of past and current artists will be studied, along with different elements of art. Students will experiment with a variety of techniques and mediums including but not limited to watercolor, acrylic, sculpture, collage, charcoal, design, drawing, and more. In addition to individual artist based projects, students will engage in some collaborative projects as well as seasonal projects. Students will be encouraged to participate in the Education Fair, where they can submit a project they have completed in class. Students' art work will also be displayed at Fine Arts Night. (A note for returning students: new projects will be assigned!)

**Required Text:** None **Supplies:** Smock, if desired.

**Homework:** no regular homework given; some projects which require additional time to complete may be taken home to work on, upon teacher's and parent's discretion **Tuition:** \$150 **Materials Fee:** \$50 **Instructor:** Leah Weikel **Maximum:** 15 students

## **BEGINNER SEWING**

7<sup>th</sup> - 12<sup>th</sup> (SEW 300)

**Enrichment:** *No Homework\**

**Requirement:** *Participation in Educational Fair (2/21/20) is encouraged.*

**Description:** Students will learn the basics of hand-sewing and will then progress to the sewing machine, learning about safety and how to operate. They will learn about fabrics, patterns, and other sewing tools.

Projects will depend on how students' skills advance through the year, but may include a pincushion/needlebook, pillowcase, tote or drawstring bag, pillow/animal stuffy, zipper pouch/wristlet, and possibly some easy garments, such as a hat, mittens, or pajama pants/leggings.

**Required Text/Books:** none **Supplies/Equipment:** Sewing machine helpful but not necessary. **Homework:** None to minimal (may depend on how class advances and level of difficulty of projects towards the end of the year) **Tuition:** \$150 **Materials Fee:** \$75 **Instructor:** Caralee Girven **Maximum:** 10 students

## **BEGINNER SEWING**

4<sup>th</sup> - 7<sup>th</sup> (SEW 200)

**Enrichment:** *No Homework\**

**Requirement:** *Participation in Educational Fair (2/21/20) is encouraged.*

**Description:** Students will learn the basics of hand stitching and practical sewing skills, such as repairing a rip, hemming a garment, and sewing a button. They will then learn the basics of how to operate a sewing machine. Students will create useful projects while learning the basics of measuring, pattern use, and sewing safety.

**Required Text/Books:** none **Supplies/Equipment:** Sewing machine helpful but not necessary. **Homework:** \* none unless student would like to take projects home to work on. **Tuition:** \$150 **Materials Fee:** \$75 **Instructor:** Vanessa Williams **Maximum:** 10 students

## **MUSICAL THEORY W/ UKELELE**

4<sup>th</sup> - 6<sup>th</sup> (MUS100)

**Enrichment:** *Homework Encouraged*

**Prerequisite: 1)** *Must be able to read and write.*

**Requirement:** *Participation in Fine Arts Night is mandatory (4/3/20)*

**Description:** This class will focus on learning to play the ukulele, while incorporating basic music theory. Chords, keys, tempo, rhythm, time signatures, sheet music and reading chord charts will all be taught. Students will be encouraged to sing along with the songs they are learning.

**Required Text:** Teacher provided **Supplies:** Ukulele (concert or tenor size only), tuner or smartphone with

tuning app, pencil and one folder to store handouts.  
\*Ukulele can be purchased at local music store or online. Prices range from \$40-\$100 for a decent beginner instrument **Homework:** 1-2 hours of practice per week is required. **Tuition :** \$150 **Materials Fees:** \$30  
**Instructor:** Katrina Beier **Maximum:** 10 students

## **MUSICAL THEORY W/ UKELELE**

7<sup>th</sup> – 12<sup>th</sup> (MUS300)

**Enrichment:** *Homework Encouraged*

**Prerequisite: 1)** *Must be able to read and write.*

**Requirement:** *Participation in Fine Arts Night is mandatory (4/3/20)*

**Description:** This class will focus on learning to play the ukulele, while incorporating basic music theory. Chords, keys, tempo, rhythm, time signatures, sheet music and reading chord charts will all be taught. Students will be encouraged to sing along with the songs they are learning. Song composition and writing will also be explored.

**Supplies:** Ukulele (concert or tenor size only), tuner or smartphone with tuning app, pencil and one folder to store handouts. \*Ukulele can be purchased at local music store or online. Prices range from \$40-\$100 for a decent beginner instrument. pencil, and one folder to store handouts. **Homework:** students will be required to practice skills for a minimum of 2 hours per week  
**Tuition:** \$150 **Materials** \$30 **Instructor:** Katrina Beier  
**Maximum:** 14 students

## **MUSICAL THEATRE**

7<sup>th</sup> – 12<sup>th</sup> (THE 300)

**Elective:** *Memorization Homework, HSC 0.5 for those in high school*

**Prerequisite:** *Students need to be able to read, write and memorize lines as well as be able to receive emails with necessary theater updates. We also have a closed Facebook group for posting videos and announcements.*

**Requirement: 1)** *Participation in Fine Arts Night is mandatory (04/03/20).* **2)** *Additional dates of participation include but are not limited to: 11/5/19, 2/18/20, 4/7/20,4/23,4/24,4/25.* **3)** *Every family must sign up at registration for a volunteer*

*job with this class, in any of the following positions: costuming, set design, program design, or show week jobs in set-up, ticket sales, backstage, clean up, etc.*

**Description:** The first month involves theatre and vocal techniques, audition tips, and auditions. The remainder of the year involves all aspects of production: rehearsals, music, choreography, characterization, projection, blocking, singing, and more. The Musical Theatre Class and the Stage Craft Class will work as one theatre family to produce a full-length musical in the spring. It is imperative that students arrive ON TIME for this class—those arriving late on a regular basis, as well as those that miss too many rehearsals, will be recast. There are also extra mandatory rehearsals/performances: **Nov 5, 2019, Feb 18, 2020, April 2, 7, 23, 24 & 25, 2020.**

Beginning in February, there are also several set days where much help is needed to complete the scenery and handmade props as well as rehearsal for specific cast members. Musical Theatre will fulfill PA State Standards for Theatre Arts. Theatre provides a creative way for students to learn responsibility, teamwork, dedication, focus, problem solving, how to receive feedback, determination, creativity, and confidence. Every family must sign up at registration for a volunteer job with this class, in any of the following positions: costuming, set design, program design, marketing as well as show week jobs in set-up, ticket sales, backstage, strike, etc.

**Required Supplies:** Students will be required to supply personal costume pieces as well as various props. They will need a folder and pencils for taking down blocking. It is best for students to have clothing and shoes they can move in. Jazz or ballet shoes are recommended.

**Homework:** Students are expected to come to class prepared by rehearsing music and memorizing lines at home. The time required varies from student to student. **Tuition :** \$210 **Materials :** \$85 (incl. production costs, royalties, production tee shirt, etc.) **Instructor:** Barbara Vogelgesang **Maximum:** 30 students

## STAGE CRAFT & THEATER DESIGN

9<sup>th</sup> – 12<sup>th</sup> (THE 305)

**Elective:** *Homework Required, Graded HSC 0.5*

**Prerequisite:** *Students must be able to read and write at 9th grade level and follow instructions carefully. We have very expensive equipment that needs to be treated with respect and care. The student will need access to a computer and email for theater updates.*

**MANDATORY Requirements:** *1) Additional dates of participation include but are not limited to: Fine Arts rehearsal, Fine Arts Night, 3 or more tech rehearsals, both Musical Theatre shows, Harvest Party. 2) Students are required to attend at least 2 local theatre shows. 3) Education Fair participation is mandatory.*

**Description:** Theatre is more than just acting! There is so much that goes into a show to make it magical and this is the class to learn how to do that. You will climb ladders, lift things, build, paint, work online, research, work with makeup, and handle very expensive equipment in this class. You will learn about costume design, lighting design, sound design, scene design, property design (props), stage dressing, stage management, theatre vocabulary, scene painting, and prop making, You will also learn how to make a prop list, talk to a director, coordinate with other people, analyze scripts, organize a stage, write blocking, as well as many other aspects of theatre. We will be working with all the theatre classes to aid them in different areas. You will be REQUIRED to attend the following: Fine Arts rehearsal (4/2/20), Fine Arts Night (4/3/20), 3 or more tech rehearsals (Nov 5, 2019, Feb 18, 2020 April 2, 7, 23, 2020, both Musical Theatre shows (4/24 & 25), and Harvest Party(11/1/19).

**Required Text:** booklist out over summer **Required**

**Supplies:** comfortable clothing that can get dirty. 3 ring binder, paper, and pencil every day. One plain black T-Shirt that will be painted and worn at many rehearsals and events. **Homework:** Essays on different Stagecraft topics, attending theatre rehearsals, attending theatre productions, and more. Varies from week to week.

**Tuition:** \$180 **Materials:** \$70 **Instructor:** Erin Garner

**Maximum:** 18 students

## CHILDREN'S THEATRE

4<sup>th</sup> – 7<sup>th</sup> (THE 200)

**Enrichment:** *Memorization Homework*

**Prerequisite:** *Reading skills, willingness to memorize, and listening to and taking direction from director(s).*

**Requirement: 1):** *Participation in Fine Arts Night is mandatory (04/03/20).*

**2) Additional dates of participation and rehearsal include, but are not limited to Nov 5, 2019, Feb 18, 2020, March 25, 2020 and April 2, 2020.**

**3) Every family must sign up for a volunteer job with this class.**

**Description:** Folk tales, fairy tales, improv, theater games, comedy, and acting! This class will inspire creativity and imagination, encouraging your child to learn expression and movement in a fun and supportive environment. Students will learn the fundamentals of performance while gaining skills like character creation, public speaking, teamwork, and improvisational thinking. Through theater games that teach the importance of adaptation, critical thinking, and stage presence, plus a one hour+ performance during our annual Fine Arts Night on 04/03/20, students will leave this class more confident performers. Students will work from beginning to end on one large play (possibly an additional smaller one at the beginning of the school year) and will be our feature performers during our Fine Arts Night in April.

**Supplies/Equipment:** Folder & pencils, possible household items to be used as temporary props, simple costumes for class, lots of enthusiasm and respect for each other and the teacher. **Homework:** Memorization of lines and cues for plays or performances. **Tuition:** \$180 **Materials Fee:** \$85 (to cover scripts, royalties, printing, art supplies, tee shirts, and more) **Instructor:** Sarah Wagenheim **Maximum:** 20 students

## THEATRE GAMES

1<sup>st</sup> – 3<sup>rd</sup> (THE 100)

**Enrichment:** *Memorization Homework,*

**Description:** This class will introduce the basic concepts of theatre arts. Students will use various creative drama techniques to stimulate imagination, movement, and role-play, and build confidence and trust. Through theatre games and activities, students will gain trust in



## FIRESIDE ACADEMY

themselves as well as others in the class. Students will learn and use drama and theatre vocabulary in class discussions and the activities will specifically address the promotion and reinforcement of students' literacy skills. Students are expected to perform a small skit or performance on stage on Fine Arts Night April 3, 2020.

**Supplies/Equipment:** none **Required Text:** none.

**Homework:** none **Tuition:** \$150 **Materials Fee:** \$50

**Instructor:** Tori Marie Miller **Maximum:** 10 students



## HOME ECONOMICS

### CULINARY ARTS

8<sup>th</sup> – 12<sup>th</sup> (COO 300)

**Enrichment:** **No Homework**

**Description:** Learn basic and intermediate cooking & baking skills in this deliciously hands-on class! In Culinary Arts, students will learn (and eat!) their way around the kitchen by preparing a new recipe each week. We'll make appetizers, main dishes, and desserts from various cuisines while practicing knife skills, culinary techniques, and food safety in our restaurant-style, industrial kitchen! Students are also encouraged to showcase their culinary talents at two of our most popular events: The Educational Fair and Fine Arts Night! \*This class adheres to Fireside's nut-free policy, but other allergens may be used, such as: wheat, dairy, gluten, & soy. \*\*Please Note: the two times offered are the EXACT SAME CLASS, just offered twice so more kids can participate!

**Homework:** None **Required Text:** None **Equipment:**

Aprons are provided, but may be brought from home if desired **Tuition:** \$150 **Materials:** \$60 **Instructor:** Susan Ott **Maximum:** 12 students

### KIDS IN THE KITCHEN

4<sup>th</sup> – 7<sup>th</sup> (COO 200)

**Enrichment:** **No Homework**

**Description:** Kids in the Kitchen empowers students to learn how to cook and bake basic dishes on their own in a supervised environment. Each week, we'll learn (and eat!) a new recipe while practicing measuring, knife skills, and basic cooking & baking techniques. Students will get comfortable with using a stove, oven, and

various kitchen appliances to make simple appetizers, main dishes, and desserts throughout the year. This is a fun, hands-on, and delicious class! Students are also encouraged to showcase their culinary talents at two of our popular events: The Educational Fairs and Fine Arts Night! \*This class adheres to Fireside's nut-free policy, but other allergens may be used, such as: wheat, dairy, gluten, & soy. \*\*Please Note: the two times offered are the EXACT SAME CLASS, just offered twice so more kids can participate!

**Required materials:** Aprons are provided but may be brought from home if desired. Students with shoulder-length hair and below must pull it back for class or wear a hat. **Homework:** none **Tuition:** \$150 **Materials:** \$55 **Instructor:** Susan Ott **Maximum:** 12 students

### SHAKE & BAKE

1<sup>st</sup> - 3<sup>rd</sup> (COO 100)

**Enrichment:** **No Homework**

**Description:** This interactive class will incorporate reading/following recipes, age-appropriate culinary skills, basic nutrition, and some movement activities in between! We will focus on kitchen safety, proper food handling, food prep, and cooking and baking techniques. While our delicious treats are baking, we will get our wiggles out and "shake it off" in another room. \*Each student must have a parent volunteer in our class at least 3 times during the year (depending on enrollment #s).

**Homework:** None **Required Text/Books:** None

**Supplies/Equipment:** apron **Tuition:** \$120 **Materials:** \$70 **Instructor:** Cori Jarcynski **Maximum:** 14 students



## MATHEMATICS

*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 in a one-hour weekly class 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 programs currently on the homeschool market are Teaching Textbooks or Saxon Homeschool Math, with teacher CD-ROMs. Many of us are currently using these with great success in our own homes and agree with the recommendation.

## GEOMETRY, NATURE & DRAWING

4<sup>th</sup> -7<sup>th</sup> (GEO 200)

**Elective: Graded, Elective**

**Description:** In this class, we will conduct an exploration of geometry as inspired by the Waldorf curriculum. Through this curriculum, the study of geometric forms, their properties, and their relationships to one another and the world, can bring geometry to life. Throughout the year, the class will progress from creating artistic, freehand geometric drawings, to using a compass and other tools to create forms, to the Pythagorean Theorem. The students become familiar with the laws of geometrical structure, pattern, and growth that are found in many of nature's forms. The history of geometrical discovery will also be discussed, and we will start the year with some hands-on activities as we learn about how geometry was used by ancient civilizations.

**Required Text:** none **Supplies/Equipment:** Writing utensil. **Homework:** None **Tuition:** \$150 **Materials Fees:** \$40 **Instructor:** Kristie DePiero **Maximum:** 16

## MATH GAMES

1<sup>st</sup> - 3<sup>rd</sup> (MAT100)

**Enrichment: no homework, non-graded**

**Prerequisite:** Students must be able to identify numbers up to 20. Students must be able to write numbers from 0-9.

**Description :** Get ready for some Math Fun! In this class, students will engage in exciting, active, cooperative, and competitive games aimed at improving their Math Skills. Skills we will work on include Shapes, Addition, Subtraction, Place Value, Time, Money, Graphs, and Measuring. Songs, videos, math art, and active whole-body exercises will be used to make learning math fun! Included this year will be the internet math game called Prodigy. Prodigy is an adaptive game where players will get to watch their very own wizard grow stronger, learn new spells and acquire new equipment while facing

ever more powerful opponents, all by answering math questions!

**Required Text/Books:** none **Required Supplies:** pencil  
**Homework:** Minimum 30 minutes of Prodigy Math Games at Home. Occasional worksheets. **Tuition :** \$120  
**Materials Fee:** \$42 (includes Prodigy subscription)  
**Instructor:** Vanessa Williams **Maximum:** 16

## PHYSICAL EDUCATION

*These classes will fulfill P.E. Requirements for Pennsylvania and New Jersey.*

### PHYSICAL EDUCATION

1 - 3<sup>rd</sup> (PED100)

**Enrichment: No Homework**

**Description:** This class is non-competitive with an emphasis on fun, teamwork, and good sportsmanship. Children will develop strengthening, flexibility, and coordination while enjoying classic playground games and learning basic fitness skills. Instruction will also include a health component.

**Required Equipment:** Comfortable clothing and sneakers **Tuition:** \$120 **Materials:** \$20 **Instructor:** Dillon Berenty **Maximum:** 14 students

### PHYSICAL EDUCATION

4<sup>th</sup>-7<sup>th</sup> (PED200)

**Enrichment: No Homework, certificate awarded**

**Description :** Gym class is a great way for your child to get out all of their energy! We will play many team building activities while having fun. Our class will also enjoy "at home challenges" that may be weekly or monthly. Challenges may feature: healthy eating, exercise challenges, fit family activities, and more! Some activities may include prizes. Gym class will feature a rotation of self defense, old school playground games, and LOTS OF FUN!

**Required Text/Books:** none **Required Supplies:** sneakers MUST BE WORN **Homework:** at home challenges **Tuition :** \$120 **Materials Fee:** \$20 **Instructor:** Brandi Berenty **Maximum:** 15

## RUNNING CLUB

7th- Adult (PED 301)

**Club: No Homework, HS Credit .25**

**Description:** 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:** \$90 **Materials Fee:** \$25 **Instructor:** Chris Fowler **Maximum:** 30



## PRE-K AND KINDERGARTEN

### PRESCHOOL CIRCLE TIME

PreK – K (K100)

**Elective: No Homework**

*Parents may be asked to attend class with their child to facilitate a gentle transition and positive experience.*

**Description:** Preschool age children (3+) will enjoy "circle time" which will include a weekly topic that will be explored through shared story books, finger-play songs, games, and crafts. Fun multi-sensory learning activities will expand on the topic of that week. Topics include seasons and holidays, animals, intro to letters and numbers, our five senses, me and my family, and community. Our goal is a fun, gentle learning experience and happy kids.

**Required Text:** None **Supplies:** Art smock or oversized t-shirt **Homework:** None **Tuition:** \$120 **Materials Fee:** \$50 **Instructor:** Tammy Martin **Maximum:** 12 students

### LITTLE SCIENTISTS

PreK – 1<sup>st</sup> (K101)

**Enrichment: No Homework**

*Parents may be asked to attend class with their child to facilitate a gentle transition and positive experience.*

**Description:** What makes wind? How do magnets work? Hands-on fun to explore science. This class will use experiments, art, games, and music to understand our wonderful world.

**Required Text/Books:** none **Required Supplies:** none **Homework:** none **Tuition :** \$120 **Materials Fee:** \$50 **Instructor:** Amy Champlain-Hansen **Maximum:** 10 students

### PRESCHOOL ARTS & CRAFTS

PreK – K (K102)

**Enrichment: No Homework**

*Prerequisite: student should be able to properly hold and use scissors*

*Parents may be asked to attend class with their child to facilitate a gentle transition and positive experience.*

**Description:** PreK-Kindergartners will have fun creating their own masterpieces while exploring different art mediums. Sometimes messy projects will often accompany a book or story pertaining to seasons, holidays, weather or just fun. Our goal is a fun, gentle learning experience and happy kids. Students will have the opportunity to display their art at Fine Arts Night.

**Required Text:** None **Equipment:** Smock, paint shirt, or apron **Homework:** None **Tuition:** \$120 **Materials Fee:** \$50 **Instructor:** Garri Ann Lozinger **Maximum:** 14 students

### PRESCHOOL WIGGLE WORMS

PreK – 2 (K103)

**Enrichment: No Homework**

*Parents may be asked to attend class with their child to facilitate a gentle transition and positive experience.*

**Description:** It's time for the littles to get out their wiggles! We will wiggle, dance, play games, and have lots of fun!

**Required Text/Books:** None **Supplies:** comfortable clothing **Homework:** None **Tuition:** \$120 **Materials Fee:** \$30 **Instructor:** Cori Jarczyński **Maximum:** 15 students

### MUSIC MOVERS

PK-1 (K104)

**Enrichment:** *No Homework*

*Parents may be asked to attend class with their child to facilitate a gentle transition and positive experience.*

**Description:** We hope that you will join us for Music Movers – a fun music program geared toward teaching children through music. Every week we gather to sing, learn finger plays, march in a band, dance to music and listen to stories – and we have a good time doing it! Every month has a different theme and has different songs to learn.

**Required Text/Books:** None **Supplies:** comfortable clothing **Homework:** None **Tuition:** \$120 **Materials Fee:** \$35 **Instructor:** Erin Garner **Maximum:** 14 students

### GETTING READY FOR READING

PK-K (K 105)

**CORE:** *Minimal Homework*

**Requirement:** *ability to recognize letters and sounds*

**Description:** In getting ready for reading, we will begin to grasp the concepts of early reading. We will start phonetic awareness. We will learn sound/symbol relationships, go over consonants, short and long vowels, and high frequency words. We will be using picture support, repetitive patterns, rhyming sight words and familiar concepts to create the beginning of a love of reading.

**Required Text/Books:** none **Supplies:** none **Homework:** there may be some sight word or phonics practice that should be a few minutes each week. This practice will be repetitive. **Tuition:** \$120 **Materials Fee:** \$50 **Instructor:** Maia Knowles **Maximum:** 12 students

## SCIENCE

### HIGH SCHOOL CHEMISTRY

9<sup>th</sup> – 12<sup>th</sup> (SCI300)

**CORE:** *Homework Required, Graded, HSC 1.0*

**Prerequisite:** *Ability to read and write at level specified on Academic Expectations Guidelines. Students must have the maturity to focus and follow safety protocols as well as work independently in a lab environment. Chemistry is a math-based science and, at the high school level, exposure to algebra and the mathematic concept of scientific notation is strongly suggested but not mandatory. If you have questions about the math involved, please contact Maggie Stoeckle]*

**Description:** **This chemistry course is a college preparatory chemistry class with lab component which has been designed to meet the NGSS science standards.** Students will explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table, bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, kinetics, equilibrium, acids and bases, and nuclear chemistry. We will also focus on lab safety, proper lab report format and application of the scientific method. This class will have 3 additional days outside of regularly scheduled Fireside classes dedicated to lab work. Additionally, supplemental instruction will most likely be required in order to maintain progress and support understanding. It will be added via Google Hangouts at a time mutually convenient for the class. Students will be required to participate in the Fireside Educational Fair.

**Required Text:** Zumdahl. Introductory Chemistry: A Foundation Fifth Edition. Houghton Mifflin. 2004

**Required Supplies:** Safety glasses or eyeglass shields for students who wear glasses are mandatory

**Homework:** We will have between 3-5 hours of homework weekly depending on what is being studied. Students will be required to do one research paper and participate in the Fireside Educational Fair.



**Tuition:** \$210 **Materials Fees:** \$65.00 (includes textbook) **Instructor:** Maggie Stoeckle **Maximum:** 10

## PHYSICAL SCIENCE

8<sup>th</sup> - 10<sup>th</sup> (SCI205)

**Core: Homework Required, Graded**

**Prerequisite:** Student must be able to read and write at a grade appropriate level.

**Requirement** Participation in Education Fair is mandatory.

**Description:** This course will be a lab- based science. Students will understand Physical systems by using the scientific method to study matter and understand the difference between a chemical and physical change. They will develop and understanding of the periodic table as well as studying chemical formulas and equations. We also will study motion, force and energy and explain how the behavior of each can be predicted using universal laws. We will learn to report our findings by writing lab reports for specific labs completed in class. Students will only receive credit for lab hours when the required reports have been completed and graded. All students will be required to participate in the Fireside Educational Fair.

**Required Text:** Provided by instructor.

**Supplies/Equipment Required:** 3 ring binder with paper, Writing instrument, colored pencils and dry erase markers. Calculators are not required but are preferred. **Homework:** 5-7 hours per week **Tuition:** \$210 **Materials Fee:** \$65 **Instructor:** Tammy Pagats **Maximum:** 10 students

## HEALTH, FIRST AID & NUTRITION

8<sup>th</sup> - 12<sup>th</sup> (PEH200)

**Elective: Homework Required, Graded HSC**

**0.5**

**Description:** This class will offer students a chance to explore the benefits of a healthy lifestyle. It will incorporate basic first aid, current health and safety topics for teens, as well as nutrition and diet. We will study basic first aid techniques, injury prevention and treatment in active lifestyles. We will learn how to recognize emergency situations and how to take action. Nutrition lectures will cover topics including diet and disease process, dietary needs of teens, and keeping a dietary journal. Current health topics will cover the

physiological impacts of exercise, food allergy awareness and precautions, and how nutrients are broken down, transported, and utilized by the body, and even the value of sleep and safety for teens. A variety of hands on activities and labs will be included; there will be opportunities for educational fair exhibits. **Required materials:** 3-ring binder, filler paper, writing utensils. **Homework:** 1-2 hours/wk. **Tuition:** \$180 **Materials Fee:** \$40. Additional materials may be decided in the Fall. Please allow for possible purchase not to exceed \$20. **Instructor:** Angela Landis **Max:** 16

## MIDDLE SCHOOL PHYSICAL SCIENCE

6<sup>th</sup> - 8<sup>th</sup> (SCI200)

**Core: Homework Required, Graded**

**Prerequisite:** Student must be able to read and write at a grade appropriate level.

**Requirement** Participation in Education Fair is mandatory.

**Description** This class will focus on the principles of physical science, including mass, matter, force, energy, sound, light, color, electricity, magnetism, and mechanics. In order to prepare students for more advanced science, emphasis will be placed on teaching the students to use objective observation skills, incorporate scientific terminology when writing, and demonstrate careful methodology and data collection. We will explore science thorough a hands-on, immersive methodology that focuses on learning through experience and activity, and lab investigations will guide students in actively exploring concepts related to chemical reactions, forces and interactions, energy, waves, and engineering design. All students will be required to participate in the Fireside Educational Fair.

**Required Text:** none **Supplies/Equipment** Writing utensil. Internet access is necessary **Homework:** 1-2 hours per week as assigned. **Tuition:** \$180 **Materials Fee:** \$60 **Instructor:** Kristie DePiero **Maximum:** 16 students

## PHYSICAL SCIENCE DISCOVERY

4th - 6th (SCI105)

**Core:** *Homework Required, Graded*

**Prerequisite:** *Student must be able to read and write at a grade appropriate level.*

**Requirement:** *Participation in Education Fair is mandatory.*

**Description:** Are you the next Isaac Newton? Come discover the laws of physics with us through observation, experimentation, and play! While we will have lots of fun, this will also be a rigorous course where students will be expected to participate in the scientific process, take notes, write observations, and complete extension activities or lab writeups as homework. Topics will include properties of matter, Newton's laws of motion, friction and forces, sound and waves, magnetism, light, and electricity. Students will conduct their own simple experiments and will be required to participate in the Fireside Education Fair.

**Required Text:** Provided by instructor.

**Supplies/Equipment Required:** 3 ring binder with paper, folder and a writing instrument **Homework:** 1/2-1-hour extension activities including lab writeups, writing observations of further experiments at home, or assigned videos. **Tuition:** \$180 **Materials Fee:** \$55 **Instructor:** Danika Dunn **Maximum:** 18 students

## SCIENCE With MAGIC SCHOOL BUS

1<sup>st</sup> - 3<sup>rd</sup> (SCI100)

**CORE:** *Minimal Homework, Graded*

**Prerequisite:** *Ability to read and write at level specified on Academic Expectations Guidelines. Ability to recognize & write/print alphabet.*

**Requirement:** *Participation in Education Fair is mandatory.*

**Description:** Students will be introduced to a variety of science concepts at the early elementary level, using the Magic School Bus as a jumping off point, but this class will be so much more! Weekly instruction topics will be chosen across all science disciplines, with specific focus on chemistry and physical sciences. This class will introduce the scientific method and hands-on experimentation at a level appropriate to the student's skill, complete with lab reports. Students will make their own periodic table and study the most common

elements. Rather than using class time to watch videos, students will be expected to watch the video links prior to class. Guided instruction will be given for a simple research report that can then be turned into their Educational Fair project. Participation in the Fireside Educational Fairs is required.

**Required Text:** none **Supplies for Class:** Folder and pencils. Internet access. Netflix is helpful. **Homework:** about 1-2 hours weekly **Tuition:** \$150 **Materials:** \$50 **Instructor:** Angela Landis **Maximum:** 14 students

## SOCIAL SCIENCES

### PHILOSOPHY

9<sup>th</sup> -12<sup>th</sup> (SOC 300)

**Elective:** *Graded,*

**Prerequisite:** *Reading and Writing at an 8th grade level or higher*

**Description:** This course takes student on an exploration of the fundamental ideals of meaning, objectivity, knowledge, truth, reality and value upon which we depend to inform and guide our living. It attends to the interior experience of the basic need and desire for meaning, truth and goodness and seeks to understand ways in which people and cultures fulfill, frustrate and run away from that fundamental human need. Students will develop skills in critical thinking and constructive conversation. The course requires 4-5 hours of work per week, including assigned readings; responses to short writing prompts; and exercises in self-reflection, intellectual conversation and analyses of conscious performance.

**Required Text:** Mark Morelli, *Self-Possession: Being at Home in Conscious Performance* (Chestnut Hill, MA: Lonergan Institute at Boston College, 2015) ISBN 9780970086266 **Supplies:** none **Homework:** 4-5 hours of work per week, including assigned readings, writing prompts and exercises. **Tuition:** \$210 **Materials Fee:** \$55. Includes Textbook **Instructor:** Paul LaChance **Maximum:** 12 students

## US HISTORY & GEOGRAPHY

9<sup>th</sup> -12<sup>th</sup> (SOC 305)

**Core:** Graded, Homework required

**High School Credit 1.0**

**Prerequisite:** Student must be able to read at grade level.

**Requirement:** 1) Participation in Education Fair is mandatory. 2) Appropriate class participation is required. 3) Internet, computer and printer access is necessary. 4) Ability to do a google search

**Description:** This class will explore the events, people, and laws that have shaped our nation. America's past will be studied with a strong emphasis on events from World War 2 to present times, including the Cold War, the Civil Rights Movement, the impact of 9/11 on our nation, and more. One historical fiction book and one historical biography will be read during the year. Two optional history-based field trips will be offered by the instructor.

**Required Text:** Excerpts from McGraw Hill's United States History and Geography: Modern Times and one historical biography (both provided by instructor and included in materials fee) **Supplies:** Binder to keep classwork in, loose leaf paper or a notebook for note taking, and writing utensils. One historical fiction book to be provided by the family (can be purchased or borrowed from the library). Title options will be provided over the summer. **Homework:** Approx. 4-5 hour per week **Tuition:** \$210 **Materials Fee:** \$50 **Instructor:** Jenny Hanson **Maximum:** 15 students

## US HISTORY & GEOGRAPHY THRU LITERATURE

6<sup>th</sup> - 8<sup>th</sup> (SOC 205)

**Core:** Homework Required,

**Prerequisites:** Ability to read and write at grade level.

**Requirement:** 1) Participation in Education Fair is mandatory. 2) Internet, computer and printer access is necessary. 3) Ability to do a google search

**Description:** Students will journey through the history of their country from its birth to present times. Two to three historical fiction books will be read as a tool to help the students further understand events of our past. The class will involve reading, basic writing,

discussion, biography profiles, map work, application of lessons through homework, and a presentation at the Education Fair in February. Two optional history-based field trips will be offered by the instructor.

**Required Text:** Students will be provided with excerpts from the McGraw Hill US History textbook and historical fiction books by the instructor (costs associated with these are included in the class supply fee). **Required Supplies:** Binder to keep classwork in, loose leaf paper, pencils, colored pencils. One historical fiction book to be provided by family (can be bought or borrowed from library). Details on the title will be provided over the summer. **Homework:** 2-3 hours per week **Tuition:** \$180 **Materials Fee:** \$50 **Instructor:** Jenny Hanson **Maximum:** 15 students

## MODERN U.S. HISTORY & GEOGRAPHY

4<sup>th</sup> - 6<sup>th</sup> (SOC 200)

**Core:** Homework Required, Graded

**Prerequisite:** Student must be able to read at a 4<sup>th</sup> grade level and write full sentences.

**Requirement:** Participation in Education Fair is mandatory. **Description** In this class we will be exploring history with hands on activities, geography, great books, and writing. We will focus on examining multiple resources, reading historical fiction, developing critical thinking skills, practicing our writing to summarize a lesson or creative writing projects such as writing a newspaper article, and we will study geographical significances in history. (Map work will be included.) We will begin our journey during the Civil War and Reconstruction and travel through the end of WWII. This was a time of imperialism, nationalism, manifest destiny, and technology and it was a time of world war and attention to human rights.

**Required text:** Story of the World Volume 4: The Modern Age by Susan Wise Bauer, The Last Safe House by Barbara Greenwood, The Story of Thomas Alva Edison by Margaret Cousins, Number the Stars by Lois Lowry **Supplies:** Binder, folder, pencil box, pencils, colored pencils, glue stick, scissors **Homework:** Reading at home, map work, and various assignments. 1 hour weekly. **Tuition:** \$150 **Materials:** \$40 **Instructor:** Kathleen Merlino **Maximum:** 15 students

## US HISTORY

1st – 3rd (SOC100)

**Core:** Homework Required

**Prerequisites:** Age appropriate reading and writing skills are required for this class.

**Requirement:** Participation in Education Fair is mandatory.

**Description:** Make History come alive and capture this young audience with all the amazing history our great country has endured. We will learn about historical figures, important dates, exciting events, meaningful places, great songs, fun activities, and so much more. Join us for US History for Grades 1-3

**Required text:** none **Supplies:** none **Homework:** ½ hour per week. Plus, additional time needed for Educational Fair Project. **Tuition:** \$150 **Materials:** \$50 **Instructor:** Garri Ann Lozinger. **Maximum:** 15 students

## MY COMMUNITY, MY COUNTRY

1<sup>st</sup> - 3<sup>rd</sup> ( SOC 105)

**CORE:** graded, homework

**Prerequisites:** Basic reading and writing skills are required for this class.

**Requirement:** Participation in Education Fair (2/23/20) is mandatory.

**Description:** In this class we will explore what a community is and how it relates to us. Students will work to explore their community, town, and state. We will then take off on an adventure to explore the other 49 states. Map work, crafts, reading, and activities will be incorporated to further enrich your child's learning

**Required text:** none **Supplies:** Folder & pencils  
**Homework** Each student will be expected to complete and turn in a weekly homework assignment that coincides with that week's lesson, with an estimated thirty minutes per homework assignment each week. Plus, additional time needed for Educational Fair Project. **Tuition:** \$150 **Materials:** \$40 **Instructor:** Vanessa Williams. **Maximum:** 16

## SPECIALIZED CLASSES & CLUBS

### LEADERSHIP COUNCIL

8<sup>th</sup> - 12<sup>th</sup> (LEA300)

**Club:** Minimal Homework

**Description:** Students will spend the year working on projects with a focus on providing charitable service to Fireside Academy and local charities. There will be opportunities for writing, public speaking, resource budgeting, etc. Students will work in small groups to lead the projects chosen. We will work on time management and organizational skills. Class time will be dedicated to learning about various leadership skills, project management and employing that knowledge to plan our activities, as well as completing tasks for the various projects throughout the year. Leadership students will be encouraged to serve as role models to all their peers at Fireside, and they will be expected to help with running activities for the younger students at some events (Not-Back-to-School picnic, Harvest Party, etc.) There WILL be activities held outside of class time and attendance will be strongly encouraged, with a minimum attendance of two "outside of a Tuesday" activities. Quarterly assessments will be given based on students' class participation, behavior, and communication, among other expectations which will be clearly stated before the year begins. Being a part of Leadership Council is a great way for students to get involved at Fireside, learn leadership skills, and break out of their comfort zones from time to time. Projects done can be counted toward community service hours.

**Required Text** None. **Supplies:** Students must have access to the internet or a cell phone in order to stay up to date with regular communication regarding class activities and projects. **Homework:** There will be no traditional homework for this club but there WILL be a commitment from both students AND parents to support the activities the students and advisers decide to complete. It is understood that not everyone can attend every event, but attendance is strongly encouraged. **The parent of the student who is heading up the project is expected to commit to being present at the time of the event.** Dates, times, and locations are communicated as far in advance as possible via a weekly, written communication from the class advisers.



Some projects will require homework in terms of research, making supply purchases, and advertising or promoting via Fireside chains of communication. **It is imperative that parents also stay in tune with the requirements for the projects worked on by students, as well as the details of commitments outside of class time. Tuition: \$150 Materials Fee: \$50 Instructors:** Emily Hassler & Kathleen Merlino **Maximum:** 16 students

### **GROWING LEADERS**

4<sup>th</sup> - 7<sup>th</sup> (LEA200)

**Club:** *Non-Graded Minimal Homework*

**Description:** We will be holistically developing younger students in their leadership skills by focusing on the character traits of leaders, learning from historical and modern day leaders, and practicing leading in everyday life. We will also enjoy engaging leadership activities in class and planning low key service.

**Required Text:** None. **Supplies:** folder and binder with 8-10 dividers, colored pencils or fine tip markers.

**Homework:** 1-2 hours **Tuition:** \$150 **Materials Fee:** \$25 **Instructors:** Becky Weiss **Maximum:** 14 students

### **ODYSSEY of the MIND**

7<sup>th</sup> - 12<sup>th</sup> (ODY 300)

**Enrichment:** *No Homework*

**Prerequisite: 1) Ability to read/write at grade level. 2) Willingness to work within a group respectfully and responsibly. 3) Access to email and computer.**

**Description:** 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, 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.

**Homework:** none **Supplies Needed:** none **Tuition:** \$120 **Materials Fee:** \$30 **Instructor:** Tammy Pagats **Maximum:** 16 students

### **ODYSSEY of the MIND**

3rd - 6th (ODY 200)

**Enrichment:** *No Homework*

**Description:** 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.

**Homework:** none **Supplies Needed:** none **Tuition:** \$120

**Materials Fee:** \$30 **Instructor:** Tammy Pagats

**Maximum:** 16 students

### **YEARBOOK, NEWSLETTER and DIGITAL ART & DESIGN**

7<sup>th</sup> - 12<sup>th</sup> (YEA 300)

**Enrichment:** *Minimal Homework*

**Prerequisite: 1) Willingness to work within a group respectfully and responsibly. 2) Access to email and computer. 3) Participation at occasional extra-curricular Fireside events may be necessary to obtain photographs.**

**Description:** Students will actively participate in all aspects of production for our annual yearbook and our quarterly newsletter. Students will actively learn and use Microsoft Publisher and Microsoft Word to contribute and create the Fireside Newsletter and Yearbook. This is a fantastic opportunity to be an active participant in the compilation of our yearly memories. Students will be conducting interviews, writing articles, composing reviews, taking photographs, and designing layouts among other contributions. The year-long production of the yearbook and the quarterly newsletter cycle will expose students to important organizational and teamwork skills. Some areas of study will include but are not limited to: photography, editing, journalism and writing, layout design, typography, graphic design, advertising, marketing, teamwork and responsibility.

**Required Text/Books:** None **Supplies/Equipment:** Email accounts are mandatory for sending files and communicating. (parent email is acceptable as long as

your student has access to it) laptops, tablets, phones, digital cameras: All are helpful and welcome in class. We use multiple Apps to create our Newsletter and Yearbook. We will also use them for taking pictures, writing interviews, communicating, and designing. **Homework:** Students will be assigned a section of the newsletter and yearbook and will have a monthly assignment. Students are expected to take numerous photos of other classes throughout the day, and at any events or field trips they attend during the year. Many of these photos will need to be taken outside of class time. **Tuition:** \$150 **Materials Fee:** \$30 **Instructor:** Laura Dollenger **Maximum:** 12

### STEM ADVENTURES

4th-7th (STM 200)

**Enrichment:** *no homework,*

**Description:** What does it take to make a waterslide safe but fun? Could you rescue an imaginary friend...with popsicle sticks? Do you think you can make a difference in real-world problems today? STEM Adventures will tackle exciting challenges like these that stretch our brains and apply principles from science, technology, engineering, and math. We will focus on creativity, problem solving, and applying our STEM challenges apply to the real world. We will also have ridiculous amounts of fun learning how to work as a team and to see failure as an exciting adventure! Bring your zany, outside-the-box inner engineer and explore with us!

**Required Text:** none **Homework:** none **Tuition:** \$150 **Materials Fee:** \$35 **Instructor:** Danika Dunn **Maximum:** 16 students

### STEM EXPLORERS

1st-3rd (STM 100)

**ENRICHMENT:** *NO homework*

**Description:** Can you build a floatation device to save your favorite action figure? How many ways can you move something across the room? Can you build a hand-held marble maze with a group? STEM Explorers will use principles from science, technology, engineering, and math to solve exciting challenges like these. Our emphasis will be on building the foundation

of good STEM work – creativity, teamwork, problem solving, and having a growth mindset in the face of setbacks and failures – skills they can bring to all other facets of their learning.

**Required Text/Supplies:** none **Homework:** none **Tuition:** 120 **Materials fees:** \$25 **Instructor:** Danika Dunn **Maximum:** 16 students

### LEGO CLUB

1<sup>st</sup> – 4<sup>th</sup> (LEG100)

**Club:** *No Homework*

**Prerequisite:** *Ability to work well with others and be creative!*

**Description:** Bring your imagination and get ready to have some fun! Each class session will begin with a special project or challenge for the students to accomplish. Opportunities to work individually or in a team will be presented. The second half of each class will be free time to modify or your creation or build a new one. **Note:** *Our class will have projects on display at Fine Arts Night (4/3/20). Attendance is encouraged but not mandatory.*

**Homework:** none **Supplies Needed:** none **Tuition:** \$120 **Materials Fee:** \$80 (this fee includes a minimum of 8 take home mini-models or mini-figures.) **Instructor:** Kathleen Merlino **Maximum:** 18 students

### LEGO CLUB

4<sup>th</sup> – 6<sup>th</sup> (LEG200)

**Club:** *No Homework*

**Prerequisite:** *Ability to work well with others and be creative!*

**Description:** Ready to have some fun with Legos! In this class we will use our imagination to create various projects. Each class time will start with a challenge or special project for the students to accomplish. Opportunities to work individually or in teams will be presented. We will work on a variety of STEM type projects and explore geography and architecture as well. The second half of class will be free time to explore and build on your own or with your friends.

**Required Text/Books:** none **Required Supplies:** none. **Homework:** none **Tuition:** \$120 **Materials Fee:** \$80 (this fee includes a minimum of 8 take home mini-models or mini-figures.) **Instructor:** Kathleen Merlino **Maximum:** 18 students