

Class Descriptions

2019-2020 Academic Year

LAF Co-op classes, PreK-12th, will be held at Grace Fellowship Church in Shrewsbury on Thursdays from 9:00 a.m.-3:20 p.m.

Fall Session (10 weeks): Sept 19 to Nov 21 (Make-up: Dec 5)

Winter Session (10 weeks): Jan 2 to Mar 5 (Make-up: Mar 12 and Mar 19)

Spring Session (8 weeks): Mar 26 to May 14 (Make-up: May 21)

There is an annual **enrollment fee of \$35 for the first student in a family and another \$15 for each additional student**. The fee will cover the cost of website maintenance, liability insurance and other administrative expenses. **The enrollment fee is due by Thursday, May 14, 2019 in cash or money order and is non-refundable** even if you decide to withdraw students from classes.

The **cleaning fee for 2019-2020 will be \$50** to be paid in full by September 19th.

Please see below for our list of class descriptions.

Upper Elementary (3rd-5th)

NOTE: Classes are year-long (must take all 3 sessions) unless otherwise noted.

9:00-9:50 am - 1st Period

Geography – Stanford's Geography (4th- 6th Grades):

Participate in map hunts, learn what it takes to be a cartographer, and gain insight into the interaction of climate, landform, and natural vegetation. As we travel through Africa, Asia, Europe, Latin America, and Russia this class will focus on two major themes. First the units act as an introduction to, or review of, fundamental geographical concepts and vocabulary. Second, they teach students about the basic physical and political geography of each region. I earned my BA in Geography with an emphasis in methods from SDSU and am a published author in Children's Geographies, an educational journal. I have a passion for studying and discussing how the world around us shapes us as individuals and societies.

Instructor: Randi Marchant

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 9:00-9:50am (1st period)

Materials Fee: \$5 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an week session)

Science – Animal Studies (3rd- 5th Grades):

Bones, Skulls and Skeletons (Fall Session) – Using skull and bone specimens of animals, an X-ray of a human body, books, magazines and web sites, the students will study bones and skeletal systems of humans, mammals, reptiles, birds, amphibians and invertebrates. The students will complete a study of owls, dissect an owl pellet (the undigested bones and fur of rodents that are regurgitated), and use the bones found in the pellet to construct and label a skeleton of a vole (or other rodent).

Animal Adaptations (Winter Session) – Students will study the physical and behavioral adaptations of animals using books, magazines, and web sites, in addition to live and taxidermy specimens provided by the teacher. Live snakes, geckos, bearded dragons, blue tongue skinks, tortoises, turtles, tarantulas, hissing cockroaches, rabbits and guinea pigs will be studied. Taxidermy animals including a raccoon, gray squirrel, doe, red fox, Canada goose, mallard, woodpecker, and pheasant will be studied. Students will participate in games and other activities to help them understand camouflage, defense mechanisms, food webs, food supply, scarcity of resources, and the effects of natural events, farming, logging, hunting, pollution, etc. on animals.

Odd & Strange Creatures (Spring Session) – Students will learn about hybrid animals, deep ocean creatures, and other animals that survive in unique ways. Through reading books, magazines and web sites, students will research the physical characteristics, defense mechanisms and adaptations of these strange, but fascinating animals.

Instructor: Michael Buleza

Enrollment: Minimum 6 students and Maximum 18 students
Class Time: 9:00-9:50am (1st period)
Materials fee: \$5 per session
Cost: \$6 per student, per class
(\$60 for a 10 week session and \$48 for an 8 week session)

Speech – Public Speaking (K - 5th Grades):

Students will learn and practice public speaking skills while memorizing age appropriate portions of Scripture, Books, historical documents, speeches or poetry of the student's choice. Skills covered will include the 3 second rule, eye contact, memorization, poise and posture, voice projection, speaking clearly, pace of speaking, facial expression, hand movements, and emphasis on words. This is a fun class that will give your kids skills and help make them more confidence speakers in public and in private. Parents are always welcome in class as extra audience members!

Homework will take between 10-15 minutes per day. During that time students should work on the memorization of their chosen work, and practice the skills learned in class.

NOTE: THIS IS A SESSION-BY-SESSION CLASS (can be taken for 1, 2 or 3 sessions).

Instructor: Tamara Wesley
Enrollment: Minimum 5 students and Maximum 20 students
Class Time: 9:00-9:50 am (1st period)
Cost: \$5.50 per student, per class
(\$55 for a 10 week session and \$44 for an 8 week session)

10:00-10:50 am - 2nd Period

Art (3rd-5th Grades):

Kicking off the year with 3 sessions of cartooning, our first designs will be a silly rabbit and a book worm. A vivid toucan in oil pastels will follow. Lessons on perspective, color, and line design will keep us building our creativity and artistic abilities. Soap carving will keep this class far from ordinary. As usual, there will be a weaving or sewing project. Then we will wrap up in the spring by pouring and decorating a stepping stone.

Instructor: Jan Null
Enrollment: Minimum 6 students and Maximum 20 students
Class Time: 10:00-10:50 am (2nd period)
Materials Fee: \$18 for the year
Cost: \$6 per student, per class
(\$60 for a 10 week session and \$48 for an 8 week session)

Choir (1st-8th Grades):

Join us as we explore the joy of singing. We'll be covering some great music as the kids learn the basics of singing well. We'll even learn some songs with parts beginning with singing in rounds. Students will just need a folder to keep song lyrics and any music needed for the class.

Instructor: Pauline Williams

Enrollment: Minimum 8 students and Maximum 25 students

Class Time: 10:00-10:50am (2^d period)

Materials Fee: \$10 for the year

Cost: \$6 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Dance (2nd- 4th Grades):

If you have a child who loves to dance or would even just like to give dance a try then this class with our amazing Ms. Warkenda is the class for them. Her heart-felt philosophy is that everyone is a dancer, it is just that some people haven't realized it yet. The students will work within the art of several different dance music and movement to build strength, confidence, and a love of dance. An introduction into various dance history and vocabulary is also presented in each session. Students should come prepared to dance and have a water bottle with them. An end of the unit presentation will be presented by the students at the end of each session to show what they have learned.

NOTE: THIS IS A SESSION-BY-SESSION CLASS (can be taken for 1, 2 or 3 sessions). It is still to be determined which dance form (jazz, modern, ballet, lyrical, etc) will be offered each session.

Instructor: Warkenda Williams-Casey

Enrollment: Minimum 5 students and Maximum 20 students

Class Time: 10:00-10:50am (2nd period)

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Hands-on History – Creation through 400 AD (4rd-6th Grades):

This will be an engaging, hands-on, literature-based history class for grades 4-6. We will be studying world and U.S. history of ancient times. (Creation-400 AD) The class will have several components including: 1. some at-home reading; class discussion and teaching; 2. in- class, hands-on activities and projects each week that the students will work on and 3. a short read-aloud time of historical literature. The class will also cover geography, civics and church history components. Using the PA homeschool law: for the elementary level, this class will cover history, geography and civics.

Required textbook: *The Story of the World, Volume 1 Ancient Times: The Modern Age* by Susan Wise Bauer.

Instructor: Julie Coggins

Enrollment: Minimum 10 students, Maximum 21 students

Class Time: 10:00-10:50 am (2nd period)

Materials Fee: \$30, includes curriculum licensing fees and all project materials for the year.
Cost: \$7 per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

11:00-11:50 am - 3rd Period

Dance (5th- 9th Grades):

If you have a child who loves to dance or would even just like to give dance a try then this class with our amazing Ms. Warkenda is the class for them. Her heart-felt philosophy is that everyone is a dancer, it is just that some people haven't realized it yet. The students will work within the art of several different dance music and movement to build strength, confidence, and a love of dance. An introduction into various dance history and vocabulary is also presented in each session. Students should come prepared to dance and have a water bottle with them. An end of the unit presentation will be presented by the students at the end of each session to show what they have learned.

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Instructor: Warkenda Williams-Casey
Enrollment: Minimum students and Maximum students
Class Time: 10:00-10:50am (2^d period)
Cost: \$7per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

Geography - Trip Around the World (K-3 Grades):

NEW COUNTRIES! This study, geared for grades K-3rd , introduces students to basic geography and world cultures. Each week, students “travel” to a new country where they utilize world and regional maps to locate the continent, country, and capital. Students then learn basic facts about that country such as language, religion, currency, population, and other interesting facts. The study is reinforced with a craft or project pertaining to that country’s geography or historical culture.

Instructor: Beth Kahler
Enrollment: Minimum 3 students and Maximum 15 students
Class Time: 11:00-11:50 am (3rd period)
Materials fee: \$10 per session
Cost: \$6 per student, per class
(\$60 for a 10 week session and \$48 for an 8 week session)

Health & Safety (3rd - 5th Grades):

Through the fall and winter sessions, the children will learn about the digestive, circulatory, skeletal, nervous, muscular and respiratory body systems. Using diagrams and video, we will explore how fearfully and wonderfully we are made. We will discuss the care of skin, teeth, eyes and ears as well as

healthy eating, proper rest, and exercise. Moving on to emotional health, there will be a focus on building a positive self-esteem, handling peer pressure and dealing with stress. Students will use role play to practice tools to resolve conflicts and solve problems. Our spring session will focus on fire, water, bicycle, home and internet safety. The students will design a fire safety poster and draw an escape plan for their own home.

Instructor: Jan Null

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 11:00-11:50am (3rd period)

Materials fee: \$10 for the year

Cost: \$6 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Science – Animal Studies (3rd- 5th Grades):

Bones, Skulls and Skeletons (Fall Session) – Using skull and bone specimens of animals, an X-ray of a human body, books, magazines and web sites, the students will study bones and skeletal systems of humans, mammals, reptiles, birds, amphibians and invertebrates. The students will complete a study of owls, dissect an owl pellet (the undigested bones and fur of rodents that are regurgitated), and use the bones found in the pellet to construct and label a skeleton of a vole (or other rodent).

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Odd & Strange Creatures (Spring Session) – Students will learn about hybrid animals, deep ocean creatures, and other animals that survive in unique ways. Through reading books, magazines and web sites, students will research the physical characteristics, defense mechanisms and adaptations of these strange, but fascinating animals.

Instructor: Michael Buleza

Enrollment: Minimum 6 students and Maximum 18 students

Class Time: 9:00-9:50am (1st period)

Materials fee: \$5 per session

Cost: \$6 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

12:30-1:20 pm - 4th Period

Computer Skills (3rd - 12th Grades)

Keyboarding & Basic Skills (Fall Session) - This one session class will meet each student at their skill level. Students will spend half of every class period practicing proper Keyboarding skills. The second half of class would include time learning about using the Internet for research, how to download and insert images into documents, basic word processing skills. We will do an introduction to programming using an online tool called Scratch and learn how to integrate technology into your core class curriculum.

Website Design (Winter Session) - In this one session class students in grades 3-12 are invited to learn how to make their own webpage in a fun, safe, interactive way! Each student will be met at their skill level. We will start by learning some of the behind the scenes of web design and even learn how to do a little html coding. Students will learn about graphics and layouts and the importance of color on your web page. Through taking careful privacy measures, we will learn blog writing and how to properly interact online. By the end of class, each student will have their own website for whatever they choose.

Microsoft Office Skills (Spring Session) - This one session class will meet each student at their skill level. Does your child know how to create a book report, a graph or a newsletter, and a slide show on the computer? If not, this class would be a great way to prepare them for many projects they may have in High School and beyond. This class will go in-depth with how to use all the tools in Microsoft Word, Excel and Power Point. Middle and high-school students will learn how to adjust page layouts, margins, font size and spacing as we learn how to create a works cited page in MLA format. For younger students, we will practice by creating a fun newsletter for our co-op and explore using columns, text boxes and images. Class projects will be geared towards your child's age as they become tech-savvy individuals!

NOTE: Students are required to bring a computer to class.

Instructor: Holly Tymes

Enrollment: Minimum 5 students and Maximum 15 students

Class Time: 12:30-1:20pm (4th period)

Cost: \$7.50 per student, per class

(\$75 for a 10 week session and \$60 for an 8 week session)

Cooking (3rd -5th Grades):

Crack an Egg Cooking Studio is an after school enrichment program offering children the opportunity to have fun in the "kitchen" classroom while learning. The basic overview is to teach children the fundamentals of cooking in a safe, hands on educational environment which encourages learning, teamwork, discovery and creativity. Classes center around holidays, seasonal foods, gardening and different cultures. Additionally, some classes will crossover into science and history. The children will blend, measure, mix, sift, stir and bake their way through the class! ALL NEW RECIPES.

Instructor: Carolanne Kappus
Enrollment: Minimum 6 students and Maximum 12 students
Class Time: 12:30-1:20pm (4th period)
Materials Fee: \$30 for the year
Cost: \$10 per student, per class
(\$100 for a 10 week session and \$80 for an 8 week session)

Literary Smorgasbord (3rd - 5th Grades)

There is something for everyone in this literature feast. Readers will encounter pirates in The Mystery of Rascal Pratt and Airborne. We will laugh our way through The Canning Season and What would Joey Do? Animal stories will feature Time Stops for No Mouse by Hoeye as well as Gorilla Doctors: Saving Endangered Great Apes by Turner. Another book theme will be friendship as we read Liberation of Gabriel King by K L Going. We will incorporate some compositions, stories and short essays during the year. Reading comprehension and vocabulary building will be a big focus. Don't miss this delicious selection!

Instructor: Jan Null
Enrollment: Minimum 6 students and Maximum 18 students
Class Time: 12:30-1:20 pm (4nd period)
Cost: \$6.00 per student, per class
(\$60 for a 10 week session and \$48 for an 8 week session)

Music Theory (3rd- 5th Grades):

This study, geared for grades 3rd - 5th, introduces students to the written language of music. Topics such as staves, notes, note values, rests, measures, symbols, and time signatures to be covered. Concepts reinforced with activities as time allows.

Instructor: Beth Kahler
Enrollment: Minimum 3 students and Maximum 15 students
Class Time: 12:30-1:20 pm (4th period)
Materials fee: \$10 per session
Cost: \$6 per student, per class
(\$60 for a 10 week session and \$48 for an 8 week session)

1:30-2:20 pm - 5th Period

Art - Handicrafts (3rd- 5th Grades)

God gave us hands so that we could CREATE, just like Him. In this class we focus on skills through various projects. Not only are the projects meaningful and fun, but they help develop fine motor skills which stimulate and increase control of cognition. This leads to better performance in math, reading, and other subjects. All supplies are provided and each week I will also have optional kits available to further practice the skill at home. You can view my website at www.handmeacraft.com for examples

of the types of handicrafts we'll explore, including: Needle Felting, Sewing, Bead Work, Calligraphy, Tatting, Weaving, Batik & more!

Instructor: Randi Marchant

Enrollment: Minimum 6 students and Maximum 15 students

Class Time: 1:30-2:20 pm (4th period)

Materials Fee: \$25 for the year

Cost: \$8 per student, per class

(\$80 for a 10 week session and \$64 for an 8 week session)

Math – Multiplication & Division (3rd- 5th Grades):

This study, for grades 3rd - 5th , introduces students to basic multiplication and division facts. Each week, students will learn a new multiplication or division family, review past fact families, and reinforce current facts with manipulatives, activities, and crafts. Take home flashcards will also be provided for further retention.

Instructor: Beth Kahler

Enrollment: Minimum 3 students and Maximum 15 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$10 per session

Cost: \$6 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Music - Advanced Strings (3rd- 12th Grades):

Prerequisite: Students must pass an audition requirement to participate in the advanced strings class. Prior experience is required. Students will be able to continue study on their chosen string orchestra instrument (violin, viola, cello, bass). They will learn repertoire throughout the school year with two performance opportunities throughout the year. This class will be available for grades 3-12.

NOTE: Students will need to bring their own music stand and instrument to every class.

Required textbook: TBD

Instructor: Kim Finnigan

Enrollment: Minimum 5 students and Maximum 15 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$10 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Science – General Science for Upper Elementary (4rd- 6th Grades):

In this class, we will use the days of creation to introduce a variety of scientific concepts, including: light, energy conservation, air and water, botany, the solar system, zoology and some aspects of

human anatomy and physiology. This class is an excellent overview of science and a great preparation for more advanced science classes in later grades. The kids will stay interested and engaged as we explore topics and complete activities and projects and perform experiments every week!

Required texts: *Science in the Beginning* by Dr. Jay Wile

Instructor: Julie Coggins

Enrollment: Minimum 12 students, Maximum 21 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$50 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

2:30-3:20 pm - 6th Period

American History with Rush Revere 3-5 (3rd-5th Grades):

Students will time travel back into early American History with Tommy, Freedom, Liberty and Cam as they read the Rush Revere books written by Rush and Kathryn Limbaugh. Each week we will discuss the chapters read at home, focusing especially on the historical characters and events. We will complete some activities related to the books and listen to Rush Limbaugh read aloud his books at times. The main focus will be the enjoyment of exploring and learning more about our exceptional American history. We will begin with *Rush Revere and the Brave Pilgrims* and move through the other Rush Revere books at a pace comfortable for our class. The books will include *Rush Revere and the First Patriots*, *Rush Revere and the American Revolution*, and may include at least one other Rush Revere book.

NOTE: THIS IS A SESSION-BY-SESSION CLASS (can be taken for 1, 2 or 3 sessions).

Instructor: BeckiJo Disney

Enrollment: Minimum 5 students and Maximum 18 students

Class Time: 2:30-3:20 pm (6th period)

Materials fee: \$10 per session

Cost: \$6.50 per student, per class

(\$65 for a 10 week session and \$52 for an 8 week session)

Art (3rd-5th Grades):

Kicking off the year with 3 sessions of cartooning, our first designs will be a silly rabbit and a book worm. A vivid toucan in oil pastels will follow. Lessons on perspective, color, and line design will keep us building our creativity and artistic abilities. Soap carving will keep this class far from ordinary. As usual, there will be a weaving or sewing project. Then we will wrap up in the spring by pouring and decorating a stepping stone.

Instructor: Jan Null

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 2:30-3:20 pm (6th period)

Materials Fee: \$18 for the year

Cost: \$6 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Math – A Waldorf Inspired Intro (K-3 Grades):

This class is for children, grades K-3, who are just being introduced to math concepts, or who have been introduced, but would benefit from a holistic review. The Waldorf educational philosophy nurtures the child's whole self, and this approach to mathematics will involve active games (bean bag tossing, skipping rope, rhythmic clapping, and singing) as well as art-making, while covering basic number sense, the four processes, and Roman numerals. Each child will make a lesson book throughout the course, which I will compile and bind, that can be added to their year end portfolio, and can also serve as a review book for the concepts covered in the class. The materials fee covers natural art supplies such as modeling beeswax, drawing paper and beeswax crayons, worksheet copies, and other materials, which will come home with the children as useful projects.

Instructor: Valerie Soles

Enrollment: Minimum 4 students and Maximum 10 students

Class Time: 2:30-3:20 pm (6th period)

Materials fee: \$25 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Mommy & Me Relax Together – for Mom/Dad/Grandma! and your little one (PreK-3rd Grades):

Recent research shows that stress is a leading cause of a myriad of health problems. Learning proven relaxation skills at a young age teaches your child one of the most valuable life lessons they can learn! Spend time together learning cool down techniques that you can do together! We'll learn fun exercises in breathing for relaxation, tapping for strong feelings, fun and spontaneous movement, simple meditation, and mindfulness. Each class will have greeting time, warm up time, brief instruction, and then time for caregivers to relate directly with their own children. Share the class with up to 3 of your 4-8 year old children, as long as you feel you can meaningfully connect with all at once. The methods do not adhere to any particular religious belief and can be integrated easily into your own spiritual framework.

Instructor: Mary Kalbach

Enrollment: Minimum 6 caregiver/student pairs and Maximum 15 caregiver/student pairs

Class Time: 2:30-3:20 pm (6th period)

Materials fee: \$15 for the year

Cost: \$7.50 per caregiver/student pair

(\$75 for a 10 week session and \$60 for an 8 week session, +\$10 for additional children per session)

Music - Intro to Strings (3rd - 8th Grades):

Beginners/Students will be able to choose from violin, viola, cello or upright string bass. They will need to provide their own instrument, music stand and method book selected by the teacher. Students will learn to play their instrument in a classroom group environment with two performance opportunities throughout the year. Lessons will include some music history and theory. No musical experience necessary.

NOTE: Students will need to bring their own music stand and instrument to every class.

Required textbook: TBD

Instructor: Kim Finnigan

Enrollment: Minimum 5 students and Maximum 15 students

Class Time: 2:30-3:20 pm (6th period)

Materials Fee: \$10 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Physical Education (3rd - 7th Grades):

This class will focus on skill development through games and activities that promote cooperation and teamwork.

NOTE: THIS IS A SESSION-BY-SESSION CLASS (class can be taken for 1, 2 or 3 sessions).

Instructor: Diane Flanscha

Enrollment: Minimum 8 students and Maximum 15 students

Class Time: 2:30-3:20 pm (6th period)

Cost: \$6.50 per student, per class

(\$65 for a 10 week session and \$52 for an 8 week session)