

Friday Enrichment Classes 2011-2012

- I. Math Counts/Applied Math/Who-Dun-Its to Read & Write
- II. Mystery of History/Psychology/ Guitar Class/ The Art of Construction
- III. Physical Science & Beyond/Web Design/Public Speaking & Debate

MathCounts Grades: 6-8

Teacher: Andy Abercrombie

A scientific calculator is required.

Ex: Texas Instruments (TI) 36

MathCounts is a nationwide middle school enrichment program designed to stimulate excellence in mathematics and problem solving. In class we learn concepts, short cuts, use of a scientific calculator and share solution ideas to problems worked at home (3-5 each day). In February, winners of the class competition go to the regional competition. Top regional teams go to the state competition. Our team has gone to state four times! Most importantly, MathCounts makes math fun even for students who hate math. Students must be at grade level to participate.

Class fee: \$75

Applied Math I

Grades: 9-12

Teacher: Linda Gable

This personal finance course is based on Biblical principles and includes a weekly parent/student devotional. Practical life skills topics range from banking and budgeting, to comparison shopping, to the cost of operating a car, to maintaining a home. The goal of the class is for students to develop good habits of financial responsibility that will benefit them throughout their lives.

This course will include daily homework assignments (about 30 minutes) and a test in class each week. Parental involvement with the weekly devotional (great conversations!) and grading of assignments will be crucial to the success of your student. You will receive an answer key and instructional DVD. We'll also try to have some fun in class and perhaps some field trips. (Text: Math U See Stewardship)

Applied Math I (#1200320) is recognized as a math core credit for the Bright Futures scholarship. It is recommended that college bound students continue their algebra 1 / geometry / algebra 2 sequence while taking this course.

Class fee: \$100 Sibling fee \$50

Who-dun-its to Read and Write

Grades: 7 - 12

Teacher: Meredith Curtis

We enjoy reading murder mysteries in our house, always trying to solve the crime before the detective. In this class, we will explore this genre of literature from a variety of sources including short stories by Edgar Allan Poe and novels by Agatha Christie, Dorothy Sayers, G.K. Chesterton, A.A. Milne, and Ellery Queen. You will meet Father Brown, Jane Marple, Sherlock Holmes, Perry Mason, Hercule Poirot, Nancy Drew, Joe Hardy, and Lord Peter Wimsey. While we read, we will be writing too....completing a short novel by the end of the year, a murder mystery, of course!

Class fee: \$80.00 (includes books) sibling fee \$35.00 (share books with sibling)

Mystery of History III

Grades: 7 - 9

Teacher: Sue Moyer

This course will cover the 1400's-1700's in world history. The Mystery of History III, The Renaissance, Reformation, and Growth of Nations will be our guide as we learn about contributions in not only history but art, music, literature, science and philosophy. Each class should include discussion, reading and hands-on activities according to our course syllabus. We will be working with maps and timeline characters, making treasure boxes and spice jars, creating cardboard helmets, banners and other items, tasting the foods of the time and performing experiments that will add to the experience in the classroom. Additional assignments for homework will include vocabulary, reading articles, books and websites, and a list of movies will be provided. Class fee: \$70 (if you already have Mystery of History III; \$130.00 with textbook; or \$85.00 with a summary of Mystery of History III

Psychology from a Christian Worldview

Grades: 9 - 12

Teacher: Katie Abercrombie

Most students never study Psychology until they encounter it in a university Psych 101 course. In this class, students will be introduced to psychology's concepts, underlying worldview assumptions, and the Christian criticism of psychology, while still exploring ideas for Christians to join the contemporary psychological conversation. Assignments will include vocabulary, reading articles, books and websites, reviewing applicable scripture, writing essays and the Grace Biography/History Fair. Class fee: \$70 sibling fee \$35

Guitar Class

Grades: 7-12

Teacher: Janet Brandel

This class is for beginners to someone who already knows chords. It is very enjoyable and motivational to be playing with other guitar students in a class setting. We will be learning basic music theory, including reading notes and playing the melody line on guitar. We will also learn how to read and play guitar chord charts and tablature. Students will also be instructed on how to write their own songs. They will also have an opportunity to perform their songs at a retirement home the 3rd Friday of each month, along with Fine Arts Night in February!

Necessities: acoustic guitar (or electric guitar w/ small amp); music stand

Books: Mel Bay Guitar Method Book/ Chord Chart book Class fee: \$45

The Art of Construction Grades: 7 - 9 Teacher: Joanne Groce & Rhonda Avila

This class will make an assortment of projects and sculptures using basic construction skills. We will explore design and shape. Materials used may include clay, wood, wire, paper, concrete, tile, plaster, fabric, and food items. Projects will appeal to anyone who enjoys working with their hands. Class fee: \$60

Physical Science & Beyond Grades: 7-12 Teacher: Tamberlin Garrett

If your kids ever wanted to blast rockets, make a hover craft, build a catapult or a cannon (toilet paper or potato) then this is the class. We will be covering aeronautics, rocketry, alternative energy, chemistry, robotics and much, much more.

The high schoolers grade 9 and above will have text to read, questions to answer and quizzes that will be graded. They will also have more involved experiments. Their text & experiments will be a high school to college level. Some calculus will be used but formulas will be given

The middle schoolers will have some reading & questions as well to answer and their experiments may not be as involved. They can also be supplied with the quizzes if the parent wishes.

Some experiments may need to be shared due to cost.

I would recommend a notebook for your material that will be distributed, the reading, unit questions, experiment logs & quizzes. We will be listening to audio instructions & watching videos vital to execute experiments accurately, so participation in this area needs to happen to be permitted to participate in experiments due to safety & cost of the materials. Class fee: \$90

Introductory Web Design Grades: 7-12 Teacher: Laura Nolette

Despite all the computer programs and web sites which help people make web pages there is so much more that can be done when one knows the code. This class will start at the very beginning of the basics of web design. There is no need for prior computer programming experience. We will discuss everything needed to make a multi-page web site using XHTML. We will also be discussing W3C standards, Cascading Style Sheets, and design considerations at an age appropriate level. Each student **MUST** bring a laptop computer which runs a simple

text editor like Notepad and a web browser like Internet Explorer to every class. (Don't be afraid of old machines.) This is a very small class so priority will be given to high school students. Students wishing to repeat the class from last year will get last priority. Class fee: \$60

Public Speaking and Debate Grades: 9-12

Teacher: Paula Jarvis

Introductory Speech is a course for students to learn to think clearly and express themselves effectively before an audience. Different types of speeches will include informative, demonstrative, persuasive and more. Students will be taught the importance of eye contact, how to use their hands and poise while giving a speech. They will be required to give speeches to the class which will be graded from a rubric for each type of speech. Assignments will include assignments from the textbook, research on topics for their speeches, writing and preparing speeches to be given in class. Class fee \$60 Sibling fee \$35