

# RHSA Teaching Co-op Class Catalog – 2018-2019

## Fine Arts

<b>RPP</b>	<b>Private Piano</b>	<b>Ages 5 - 18</b>	Tuition: \$85	Supply Fee: \$40
Darice Rutledge	rrutledge01@hotmail.com	Tuesday: 8:30 AM-3:30 PM & Thursday: 8:30 AM-12:00 PM	Class Size: min 1, max 16	

Mrs. Rutledge offers private piano lessons at Co-op on Tuesdays. She also teaches at her home in Lake Highlands on Wednesdays. Weekly 30-minute lessons for younger students are \$85 per month, and 45-minute lessons for 3rd grade and older are \$120 per month. Mrs. Rutledge uses a very traditional approach to teaching piano with a strong emphasis on technique and theory, the classics, jazz, and sacred music. Piano students enjoy performing at both a Christmas recital and a Spring Recital. ALL scheduling of lessons must be done directly through Darice Rutledge. Fall and spring registrations welcome.

<b>WD1AM</b>	<b>Drawing - Beginning</b>	<b>Ages 6 - 18</b>	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 10:30 AM-11:25 AM & Thursday: none	Class Size: min 3, max 18	

This class is for the beginning student who has always wanted to draw and express themselves through art. We will learn about the basic building blocks of drawing to establish a firm foundation for future growth. Students will learn about the materials they will be using to start their journey by doing simple exercises to encourage confidence. Basic line work and a simple introduction to forms and shapes will all be taught. Examples will be shown on the whiteboard for the students to follow. A supply list will be provided at the Parent/Student Orientation Meeting.

<b>WD1PM</b>	<b>Drawing - Beginning</b>	<b>Ages 6 - 18</b>	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 12:30 PM-1:25 PM & Thursday: none	Class Size: min 3, max 18	

This class is for the beginning student who has always wanted to draw and express themselves through art. We will learn about the basic building blocks of drawing to establish a firm foundation for future growth. Students will learn about the materials they will be using to start their journey by doing simple exercises to encourage confidence. Basic line work and a simple introduction to forms and shapes will all be taught. Examples will be shown on the whiteboard for the students to follow. A supply list will be provided at the Parent/Student Orientation Meeting.

<b>WD2AM</b>	<b>Drawing - Intermediate/Advanced</b>	<b>Ages 7 - 18</b>	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 9:30 AM-10:25 AM & Thursday: none	Class Size: min 3, max 17	

The main emphasis for Intermediate/advanced art class is to take what is learned in the beginning art class and expand on those skills. Students will be using pen and ink and colored pencils. Basic forms will now be given dimension with introduction to the concept of light source, shadows and value studies. This is for the student who wants to take their artwork to the next level. A supply list will be provided at the Parent/Student Orientation Meeting.

<b>WD3AM</b>	<b>Drawing - Advanced</b>	<b>Ages 8 - 18</b>	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 8:30 AM-9:25 AM & Thursday: none	Class Size: min 3, max 17	

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Advanced Drawing will introduce figure, portrait and animal drawing into the class along with visual/verbal journals. Students will take what they learned in beginning and intermediate drawing classes and apply those techniques to the new and varied subject matter. In addition, the students will learn to incorporate perspective (both linear and atmospheric) into their compositions, as well as overlapping, complex forms and image refinement.

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## Fine Arts

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<b>WDC</b>	<b>Drawing Comics!</b>	<b>Ages 10 - 18</b>	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 2:30 PM-3:25 PM & Thursday: none- none		Class Size: min 3, max 17

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Drawing Comics is an exciting new class for anyone interested in writing, drawing and creating their own comic strip or graphic novel. Whether the student is an absolute beginner or an aspiring comics artist, this class will get the student enthused to practice their art every chance they get.

The exercises in the class are meant to jump-start their creativity and guide them toward effective ways to tell stories visually. Demonstration and assignments will include: How to draw basic figures, brainstorming for characters, learning how to draw one panel comic gags, using pacing and page turns to enhance the story, understanding the different materials and techniques and ultimately, creating and publishing their own comic book!

This class uses fun exercises to build the student's confidence in their artistic ability and their desire to tell stories through their writing.

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<b>WDI</b>	<b>Drawing with Imagination</b>	<b>Ages 7 - 18</b>	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 1:30 PM-2:25 PM & Thursday: none- none		Class Size: min 3, max 17

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This new "Drawing with Imagination" art class teaches strategies with exercises geared toward gaining confidence and enhancing creativity. Some of the exercises the student will explore are how to take a "mindless" doodle to a masterful creation. They will take the familiar and turn it on its ear and create something original. The student will tell stories through details in the drawings and play with patterns to create captivating compositions. Also the student will learn to develop a theme in their work. In each class Mr. Weesner will offer basic guidelines to help the student channel their creative energies in the right direction. Before they know it, they'll lose themselves in the process and enjoy the experience of creating something exciting and gratifying.

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<b>GYA</b>	<b>Young Elementary Art</b>	<b>Ages 5 - 8</b>	Tuition: \$35	Supply Fee: \$40
Jennifer Goers	chrisjengoers@gmail.com	Tuesday: 9:30 AM-10:25 AM & Thursday: none- none		Class Size: min 5, max 10

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A beginning art class with a range of mediums used throughout the year. Themes and studying various artists will be incorporated. Students will create memorable pieces to share.

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<b>VTHSA</b>	<b>High School Art</b>	<b>Ages 13 - 18</b>	Tuition: \$40	Supply Fee: \$70
Ellen Van Treuren	ellenvantreuren@gmail.com	Tuesday: 12:00 AM-12:00 AM & Thursday: 12:00 AM-12:00 AM		Class Size: min 4, max 12

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In this course students will be able to work with a variety of media and processes including printmaking, sculpture and painting. Juniors and Seniors will have the option to work on a piece and enter the University of North Texas Health Science Center Annual High School Competition.

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<b>VTJA</b>	<b>Journey's in Art</b>	<b>Ages 9 - 12</b>	Tuition: \$40	Supply Fee: \$45
Ellen Van Treuren	ellenvantreuren@gmail.com	Tuesday: 12:30 PM-1:25 PM &		Class Size: min 4, max 12

Thursday: none-  
none

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In Journey's in Art, students will be exposed to many different mediums as well as historical and contemporary artists and art movements. Students will have the opportunity to learn about the work of Monet, Van Gogh, Giacometti, Kandinsky, Chihuly and more as they work with media such as watercolor, acrylic paint, printmaking and clay. The focus of this class is to expose students to different artists and to develop the creativity and technical skills of each individual student.

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## Fine Arts

<b>LCD</b>	<b>Creative Drama Elem</b>	<b>Ages 7 - 11</b>	Tuition: \$45	Supply Fee: \$45
Michelle Levall	dayshady@yahoo.com	Tuesday: 12:30 PM-1:25 PM & Thursday: none- none	Class Size: min 6, max 20	

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### What Is Creative Drama?

Creative drama is an improvisational, process-oriented form of drama, where participants are guided by a leader to imagine, enact, and reflect on experiences real and imagined. Creative drama takes children's natural world, creative play, and develops it further, using theatre techniques, to create learning experiences which are for the participants.

Creative drama offers an opportunity for children to:

- Expand self-awareness
  - Develop imagination
  - Think independently
  - Work cooperatively
  - Improve communication skills
  - Express a healthy release of emotions
  - Build social awareness
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<b>LTP</b>	<b>Theatre Production</b>	<b>Ages 11 - 18</b>	Tuition: \$45	Supply Fee: \$45
Michelle Levall	dayshady@yahoo.com	Tuesday: 1:30 PM- 2:25 PM & Thursday: none- none	Class Size: min 5, max 20	

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Student in grades 7 to 12 may want to explore the specific aspects of a theatrical production. Topics that may be used include:

### Theatre 101

Students will get a crash course in the basics of theatre; stage directions, vocabulary, script analysis, and auditioning techniques.

### Staging and Production

Students studying staging and production will gain a greater understanding of the technical aspects of creating a theatrical production as well as the hierarchy of the team members. What happens behind the scenes of a production greatly affects how the audience perceives it.

### Theater History

In order to understand theater, students must understand the historical past as well as learning about present day productions. Students will learn about different cultures and the time in which specific plays were written. This will help them develop an understanding between our past and present day theatrical productions.

### Types of Productions

Reader's Theatre Basics, How to Write a Radio Play, Pantomime, Improvisation, Musical Theatre, Shakespeare...etc.

All students will be encouraged to watch two live Performances:

All students who are studying this unit should try to see several plays and performances, as it will add to their understanding of the topics covered in class. Plays can be viewed at local theaters, including those on high school campuses as well as local theatres throughout the year. Any exposure to productions, no matter how big or small,

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will add to a student's academic experiences that can be drawn upon later in life. Perhaps a student's exposure to drama may inspire them to become the next Shakespeare of his or her time.

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## Foreign Languages

**MHSL1 Latin 1 - High School Level Ages 13 - 18** Tuition: \$50 Supply Fee: \$35  
Stephanie MacMiller      jsmacmiller@yahoo.com      Tuesday: 2:30 PM-3:25 PM & Thursday: none-  
Class Size: min 3, max 10

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This is a High School Level Class. We will be using First Year Henle and Grammar Books. We will use these books for Latin 1 and Latin 2.

This class is a class that works together to understand and encourage each other in Latin. There is a weekly syllabus with homework assignments. There will be take home quizzes but no tests. There is an optional Final Exam to take at the end of the year. Latin 1 will cover noun declensions and vocabulary.

No previous Latin is required.

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**MHSL2 Latin 2 - High School Level Ages 13 - 18** Tuition: \$50 Supply Fee: \$35  
Stephanie MacMiller      jsmacmiller@yahoo.com      Tuesday: 1:30 PM-2:30 PM & Thursday: none-  
Class Size: min 3, max 15

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This is a High School Level Class. We will be using First Year Henle and Grammar Books. We will use these books for Latin 1 and Latin 2.

This class is a class that works together to understand and encourage each other in Latin. There is a weekly syllabus with homework assignments. There will be take home quizzes but no tests. There is an optional Final Exam to take at the end of the year. Latin 1 will cover verbs conjugation and vocabulary.

No previous Latin is required.

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**MLC Elementary Latin Ages 9 - 13** Tuition: \$35 Supply Fee: \$35  
Stephanie MacMiller      jsmacmiller@yahoo.com      Tuesday: 10:30 AM-11:25 AM & Thursday: none-  
Class Size: min 2, max 14

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Latina Christiana I is a beginning Latin grammar course. Vocabulary, systematic grammar, practice exercises, and Latin sayings are featured in each lesson. We also learn derivatives (English words that come from Latin). Games are added so we can have some fun and variety in our class! There will be a weekly quiz and 5 tests.

(There is a history portion but we will NOT be covering it.)

Deposit fee covers workbook.

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## Foreign Languages

**MLJH Latin - Junior High VERBS Ages 10 - 14** Tuition: \$35 Supply Fee: \$40  
Stephanie MacMiller      jsmacmiller@yahoo.com      Tuesday: 12:30 PM-1:25 PM & Thursday: none-  
Class Size: min 3, max 15

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This level of Latin grammar is designed to follow Latina Christiana I; however, I feel this curriculum is designed at a Middle School level so it is recommended that the student has completed 4/5th grade level of grammar or has finished Christiana I.

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We've taken the First Form 1 book and divided into a two year course. One year is about verbs learning all 6 tenses and One year covers Nouns -all 5 declensions. Also we will learn vocabulary words and English derivatives.

We will be using the curriculum "First Form". We'll do a workbook together, take weekly quizzes, take tests and of course play games to make learning Latin fun!

Deposit covers "First Form" workbook and text.

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<b>SF1</b>	<b>French I</b>	<b>Ages 12 - 18</b>	Tuition: \$60	Supply Fee: \$30
Urs Seiler	info@lgtutoring.com	Tuesday: 1:30 PM- 2:25 PM & Thursday: none- none		Class Size: min 3, max 12

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Class Schedule: Tuesdays (once a week)

Description: We will be focus on learning basic conversational French, giving students an abundance of opportunities to speak in class. Keys to success: active vocabulary and verb conjugation. Key grammar concepts will be introduced.

Homework: assignments will be issued occasionally.

Prerequisite: passion to learn and willingness to speak a Foreign Language

Supplies (to be provided by student):

- Bescherelle: Complete Guide to Conjugating 12,000 French Verbs / Edition 1 ISBN-13: 9782218065910
- Notebook, paper
- Binder
- Pencils
- Color Pencils (at least three different colors)
- Eraser
- Highlighters
- Ruler

Tuition: we accept credit card payments!

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<b>VTJHS</b>	<b>Junior High Spanish</b>	<b>Ages 11 - 14</b>	Tuition: \$40	Supply Fee: \$25
Ellen Van Treuren	ellenvantreuren@gmail.com	Tuesday: 12:30 PM-1:25 PM & Thursday: none- none		Class Size: min 2, max 15

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This intermediate Spanish course will serve as an introduction to the world of the Spanish language and culture. Students will study basic grammar, vocabulary and culture and will be engaged in reading, writing, listening and speaking. The goal of this class is to prepare students for a high school Spanish course in an engaging and fun way.

Textbook used :Carson Dellosa Spanish I & II Grades 6-8 (ISBN 044222208974 and 044222208967).

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<b>VTS1</b>	<b>Spanish 1</b>	<b>Ages 13 - 18</b>	Tuition: \$40	Supply Fee: \$30
Ellen Van Treuren	ellenvantreuren@gmail.com	Tuesday: 9:30 AM- 10:25 AM & Thursday: none- none		Class Size: min 4, max 15

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This Spanish course will serve as a basic instruction to the world of the Spanish language and culture. Students will practice reading, writing, listening and speaking in addition to learning cultural aspects from the Spanish-speaking world. There will be cultural projects assigned during the year.

For each chapter there will be homework assignments from the textbook as well as vocabulary and memory verse practice. Students will also be required to complete a language lab which is 30 minutes of listening, speaking or reading the Spanish language (ex. listening to music, watching a movie with subtitles, etc). Short daily study time (about 20 min) is highly recommended rather than a lengthy study time only once a week. Vocabulary memorization for weekly quizzes, homework exercises, simple written reports and auditory language lab assignments will require approximately 3-4 hours per week outside of class time.

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Previous language courses not required.

Required texts: Bob Jones Press Spanish 1, 2nd edition student text (978-1-60682-061-2) & student activities manual, 2nd edition (978-1-59166-169-6)

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<b>VTS2</b>	<b>Spanish 2</b>	<b>Ages 14 - 18</b>	Tuition: \$40	Supply Fee: \$30
Ellen Van Treuren	ellenvantreuren@gmail.com	Tuesday: 10:30 AM-11:25 AM & Thursday: none- none		Class Size: min 3, max 15

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This second-level intermediate Spanish course will serve as a basic introduction to the world of the Spanish language and culture. Students will practice reading, writing, listening and speaking in addition to learning cultural aspects from the Spanish-speaking world. There will be cultural projects assigned during the year. Bob Jones curriculum will be used.

For each chapter there will be homework assignments from the textbook as well as vocabulary and memory verse practice. Students will also be required to complete a language lab which is 30 minutes of listening, speaking or reading the Spanish language (ex. listening to music, watching a movie with subtitles, etc). Short daily study time (about 20 min) is highly recommended rather than a lengthy study time only once a week. Vocabulary memorization for weekly quizzes, homework exercises, simple written reports and auditory language lab assignments will require approximately 3-4 hours per week outside of class time.

Students must have completed a HS Spanish 1 course with a passing grade or pass a placement exam provided by the instructor to enroll.

Required texts: Bob Jones Press Spanish 2 & Spanish 2 Student Text Activities Manual (978-1-60682-491-7 & 978-1-57924-749-2)

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## Kindergarten

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<b>RKN</b>	<b>Kindergarten</b>	<b>Ages 4 - 6</b>	Tuition: \$55	Supply Fee: \$60
Jan Regier	jansgirls@gmail.com	Tuesday: 12:30 PM-2:25 PM & Thursday: none- none		Class Size: min 4, max 14

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The student will learn skills that prepare for first grade:

1. consonant and vowel sounds (short and long)
  2. counting and numbers
  3. reading words and short sentences
  4. writing letters and words
  5. recognizing music notes and making rhythms with bells
  6. making things with their hands
  7. listening to Bible stories, learning Bible verses, and singing songs
  8. sharing, working together, and enjoying friendships
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## Language Arts

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<b>PG</b>	<b>Grammar</b>	<b>Ages 11 - 17</b>	Tuition: \$40	Supply Fee: \$55
Mindy Piehler	mpiehler@att.net	Tuesday: 12:30 PM-1:25 PM & Thursday: none- none		Class Size: min 6, max 18

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### GRAMMAR

This grammar program is a comprehensive writing-focused program whose exercises utilize classical and Christian literature. The sentences draw on Biblical excerpts which feed the soul along with classical literature with which any college-bound student should be familiar. The content is thorough and medium-paced; however, homework

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may be adjusted to meet the needs of individual students.

This course uses a metaphorical kingdom to better relate grammar knowledge to students. King Verb and Queen Noun have quite a story to tell. Before they met, no one in the kingdom could write a sentence, a clause, or even a phrase! Poor writing was rampant. Sadly, Sir Run-Ons-A-Lot and the Knights of the Wrong Table had struck terror in the Kingdom of Writing. However, after a short engagement and a lovely wedding, the kingdom was saved by the new king, by his lovely queen and by the Knights of the Write Table. Join me as we discover the Kingdom of Writing through adventures in Grammar Castle.

The deposit purchases the consumable student textbook and handouts that will be distributed to you by the teacher.

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<b>HAS</b>	<b>Author Study 101 part 2</b>	<b>Ages 7 - 9</b>	Tuition: \$35	Supply Fee: \$40
Marla Hughes	marla_hughes01@yahoo.com	Tuesday: 10:30 AM-11:25 AM & Thursday: none- none		Class Size: min 3, max 10

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This class will be an introduction to author studies. Each month we will read books by the featured author, compare and contrast their books, discuss literary concepts (such as plot, characters, and setting), research the author and much more. The students will complete a culminating activity each month to show what they have learned about the author.

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<b>HFR</b>	<b>Five in a Row 2</b>	<b>Ages 6 - 7</b>	Tuition: \$35	Supply Fee: \$40
Marla Hughes	marla_hughes01@yahoo.com	Tuesday: 9:30 PM-10:25 AM & Thursday: none- none		Class Size: min 3, max 10

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This is a literature rich, hands-on class using the Five in a Row guide. Each week students will hear a classic children's book and then participate in activities surrounding the central theme of the book. Students will use the weekly reading selection to enjoy art, science, math and much more.

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<b>BCHT</b>	<b>Cursive Handwriting with Greek and Latin Roots</b>	<b>Ages 9 - 18</b>	Tuition: \$35	Supply Fee: \$35
Sue Bohlin	sue@probe.org	Tuesday: 8:30 AM-9:25 AM & Thursday: none- none		Class Size: min 2, max 12

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Can your child or teen read the original Declaration of Independence? Can s/he read Grandma's handwritten note in a birthday card? Students who can't read or write cursive script are illiterate in that language! In this class, students will learn the Palmer cursive script that will allow them to decipher old-style handwritten documents (including Grandma's cards and will). Once they learn the basic letter forms, they will practice using their cursive writing with Greek and Latin roots to build their vocabulary.

## Language Arts

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<b>DHSFW</b>	<b>High School Format Writing</b>	<b>Ages 14 - 18</b>	Tuition: \$50	Supply Fee: \$25
Shelly Dippel	shellsudsie@aol.com	Tuesday: 1:30 PM-2:25 PM & Thursday: none- none		Class Size: min 4, max 15

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Format writing trains students to develop organized, clear, and focused writing that informs and persuades, skills necessary for college success and everyday communication. Students will receive instruction, practice, and feedback in sentence structure, paragraph development, the five-paragraph essay formats, and one MLA research paper.

The teacher will send an email about books before the end of the summer.

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<b>CEC</b>	<b>Refresh, Reboot, Respond/Elementary Composition</b>	<b>Ages 8 - 11</b>	Tuition: \$45	Supply Fee: \$25
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Eileen Chapman ask.eileen@tx.rr.com Tuesday: 12:00 AM-12:00 AM & Thursday: none-  
none Class Size: min 4, max 18

Upper elementary students will learn how to build word maps through exploring the writing process. They will think creatively, map their ideas, then write sentences, paragraphs, stories, and poetry. We will color-code, pre-write, revise, edit, and finalize.

**CJF Junior High Format Writing Ages 11 - 15** Tuition: \$50 Supply Fee: \$20  
Eileen Chapman ask.eileen@tx.rr.com Tuesday: 12:00 AM-12:00 AM & Thursday: none-  
none Class Size: min 4, max 18

Format Writing is a road map for developing expository writing skills. Expository writing teaches the student how to inform, clarify, and persuade. This type of writing is the foundation to build communication skills used throughout a lifetime. Format Writing teaches the student how to organize material and how to write quickly. Skills covered will include the following: sentence structure, basic paragraph styles, essays in five-paragraph format, a literary essay, and one MLA standard research paper.

**CRP Read With Me: Phonics Ages 6 - 10** Tuition: \$45 Supply Fee: \$25  
Eileen Chapman ask.eileen@tx.rr.com Tuesday: 12:00 AM-12:00 AM & Thursday: none-  
none Class Size: min 4, max 12

Saxon Phonics is a systematic and incremental approach in learning to spell, read, and write successfully. The program will include visuals, games, and activities. Dictionary skills, accent marks, and syllabication activities will be included. The teacher will include reading aloud to the students at the end of each class.

**MACT ACT Verbal & Essay - Fall Only Ages 14 - 18** Tuition: \$60 Supply Fee: \$35  
Michelle Matthews tmattx5@sbcglobal.nt Tuesday: 9:30 AM-10:25 AM & Thursday: none-  
none Class Size: min 8, max 15

## [New Year RHSA Teaching Co-op](#)

### RHSA Teaching Co-op Class Catalog - New Year

#### Language Arts

**MCC College Literature and Composition Ages 16 - 18** Tuition: \$50 Supply Fee: \$35  
Michelle Matthews tmattx5@sbcglobal.nt Tuesday: 10:30 AM-11:25 AM & Thursday: none-  
none Class Size: min 5, max 15

This course introduces students to college-level literary study through the practice of focused discussion, close reading, and good writing. Our goal will be to learn analysis and synthesis, skills essential to college reading and writing.

We will read literary classics (narrative, drama, and poetry) and discuss how these works build on larger themes of human existence. Along with analyzing primary texts, we will also use secondary sources to learn more about the works and build original discussions surrounding the ideas they raise.

**MSAT SAT Verbal & Essay - Spring Only Ages 14 - 18** Tuition: \$60 Supply Fee: \$35



Michelle Matthews	tmattx5@sbcglobal.net	Tuesday: 9:30 AM- 10:25 AM & Thursday: none- none	Class Size: min 6, max 15
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## Life Skills

<b>RMS</b>	<b>Make It From Scratch</b>	<b>Ages 11 - 18</b>	Tuition: \$55    Supply Fee: \$80
Jan Regier	jansgirls@gmail.com	Tuesday: 2:30 PM- 3:25 PM & Thursday: none- none	Class Size: min 4, max 10

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Make your own breads, smoothies, soups, and more. Make a pie crust and fill it with something yummy. Set an inviting table.

Sew a skirt, quilt a pillow, and crochet a scarf. Beyond these basics you will create things by hand and by machine.

In this class you will learn life skills that you will always use.

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<b>BCC</b>	<b>Building Confident Christians</b>	<b>Ages 15 - 19</b>	Tuition: \$85    Supply Fee: \$65
Dr. Ray Bohlin	rbohlin@probe.org	Tuesday: 12:30 PM-2:00 PM & Thursday: none- none	Class Size: min 3, max 14

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This 90-minute class is geared to building students confident in their faith by changing the way they think about a wide range of topics. Laying a foundation of basic Christian worldview education compared to the other major worldviews of naturalism and pantheism, we then provide the basics of classic apologetics. By the end of this part of the course, students have usually developed a new level of confidence that Christianity is true. On top of the foundation of worldviews and apologetics, we move into cultural apologetics, exploring how biblical Christianity informs our views on subjects as diverse as creation and evolution, homosexuality, environmentalism, genetic engineering, the problem of pain and suffering, how to watch a movie, and even why guys and girls are so different. Every week students will read and be quizzed on several articles from the Probe.org website, creating a resource notebook that they will draw on for years to come. They will also write one paper per semester.

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<b>SSTUDY</b>	<b>Study Skills - Fall only</b>	<b>Ages 12 - 18</b>	Tuition: \$60    Supply Fee: \$35
Urs Seiler	info@lgtutoring.com	Tuesday: 12:30 PM-1:25 PM & Thursday: none- none	Class Size: min 3, max 12

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Helping students build and gain confidence in the following skills:

- Setting S.M.A.R.T. goals
  - establishing priorities
  - using your own learning preferences effectively
  - taking notes
  - Cornell Notes
  - studying effectively
  - Time Management and Organization
  - effective use of a planner
  - Test Preparation
  - Test Taking Strategies
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# Literature

**PAR      Adventures in Reading      Ages 8 - 10**      Tuition: \$40      Supply Fee: \$15  
Mindy Piehler      mpiehler@att.net      Tuesday: 9:30 AM-10:25 AM &  
Thursday: none-  
none      Class Size: min 6, max 18

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Whether an avid reader or a reluctant one, this course is for you! In Adventures in Reading students explore an assortment of different books from fantasies to historical fiction. Reading assignments are completed at home during the week and very little writing is required. Class time is devoted to developing vocabulary, using comprehension strategies, cultivating literary appreciation, and making crafts that facilitate comprehension. Through creative class activities, students are assured an exciting atmosphere for an engaging learning experience. This class is designed to be a two-year course covering different books each year. Books for this year are MRS. FRISBY AND THE RATS OF NIMH, RED SAILS TO CAPRI, STRAWBERRY GIRL, SIGN OF THE BEAVER, PIPPI LONGSTOCKING, and a biography. Books are available at the library, Half Price Books, and other book stores. Registrations throughout the year are welcomed. Come join the fun!

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**PAR2      Book Club      Ages 10 - 13**      Tuition: \$40      Supply Fee: \$15  
Mindy Piehler      mpiehler@att.net      Tuesday: 10:30 AM-11:25 AM &  
Thursday: none-  
none      Class Size: min 6, max 18

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Reading can be an enchanting subject! In Book Club, students explore an assortment of books ranging from fantasies to fiction. Reading and journal writing assignments are completed at home during the week. Class time is devoted to developing vocabulary, using comprehension strategies, cultivating literary appreciation, and making occasional crafts that facilitate comprehension. This class is designed to be a two-year course covering different books each year. Books for this year are WHERE THE RED FERN GROWS, CADDIE WOODLAWN, NUMBER THE STARS, MY SIDE OF THE MOUNTAIN, A WRINKLE IN TIME, RIFLES FOR WATIE, and a biography. Books are available at the library, Half Price Books, and other book stores. Registrations throughout the year are welcomed. Come join the fun!

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**PJL      Junior High Literature      Ages 12 - 14**      Tuition: \$40      Supply Fee: \$15  
Mindy Piehler      mpiehler@att.net      Tuesday: 2:30 PM-3:25 PM &  
Thursday: none-  
none      Class Size: min 6, max 18

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In Junior High Literature, we will have hearty discussions and learn about literary concepts while enjoying an assortment of classic books. At home each week, students will read the assigned chapters, define vocabulary words, answer questions, and write journal entries. The classroom will provide an accepting and engaging environment where students can grow in their ability to analyze literature. This class, designed for 7th and 8th grade students, is a two year course utilizing different books each consecutive year. Books for this year are TOM SAWYER, REDWALL, TUCK EVERLASTING, THE LIGHTNING THIEF, THE CALL OF THE WILD, JOHNNY TREMAIN, TO KILL A MOCKINGBIRD and a poetry unit. Because specific editions of the books are not required, books are available at the library, Half Price Books, and other book stores. Registrations throughout the year are highly welcomed.

For supplies students will need a 3-ring binder, notebook paper, a spiral or composition book for a journal, pens/pencils, 3 dividers, and our current book.

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**DHSAL      Survey of American Literature      Ages 14 - 18**      Tuition: \$50      Supply Fee: \$25  
Shelly Dippel      shellsudsie@aol.com      Tuesday: 12:30 PM-1:25 PM &  
Thursday: none-  
none      Class Size: min 4, max 15

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This class will cover the best of American writing and include poetry, short stories, essays, and novels. We will pay special attention to works included in many college reading lists. Students will learn the literary devices that will help them understand and enjoy great literature, and improve their own writing. The course will include class discussion and writing assignments.

The teacher will email a list of books early in the summer.

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## Math

### SA1TH Algebra 1

**Ages 12 - 18**

Tuition: \$80    Supply Fee: \$50

Urs Seiler    info@lgtutoring.com

Tuesday: 9:30 AM-  
10:25 AM &  
Thursday: 9:30  
AM-10:25 AM

Class Size: min 4, max 14

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Class Schedule: Tuesdays and Thursdays

We will be reviewing all key Algebra 1 concepts throughout the year. 2-4 lessons will be introduced each class. Students will have the opportunity to practice newly introduced concepts in class.

Keys for daily assignments will be provided by teacher (including step-by-step instructions / solutions) - no grades.

Graded assessments (1-2 per chapter) conducted in class.

Students will have the opportunity to retake up to two assessments per semester.

Prerequisite: Pre-Algebra

Supplies (to be provided by student):

-Textbook Prentice Mathematics Texas Algebra 1 ISBN-13: 9780131340213 (check with teacher before ordering as there are different versions available to ensure you are ordering the correct one).

- Notebook Paper
- Graph Paper
- Binder
- Pencils
- Color Pencils (at least 3 different colors)
- Eraser
- Ruler
- Scientific Calculator (TI-83, TI-84 - please ask if you have a different one)

Tuition: we accept credit card payments!

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## Math

### SA2TH Algebra 2

**Ages 13 - 18**

Tuition: \$80    Supply Fee: \$50

Urs Seiler    info@lgtutoring.com

Tuesday: 10:30  
AM-11:25 AM &  
Thursday: 10:30  
AM-11:25 AM

Class Size: min 6, max 14

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Class Schedule: Tuesdays and Thursdays

Description: We will be reviewing all key Algebra 2 concepts throughout the year. 2-4 lessons will be introduced each class. Students will have opportunity to practice concepts in class.

Keys for daily assignments will be provided by teacher (including step-by-step instructions / solutions) - no grades.

Graded assessments (1-2 per chapter) conducted in class.

Students will have the opportunity to retake up to two assessments per semester.

Prerequisite: Algebra 1 (or some equivalent)

Supplies (to be provided by student):

- Textbook Prentice Mathematics Texas Algebra 2  
(Publisher: Prentice Hall) ISBN-13: 9780131340237 (check with teacher before ordering as there are different versions available to ensure you are ordering the correct one).

- Notebook, paper

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- Graph Paper
  - Binder
  - Pencils
  - Color Pencils (at least three different colors)
  - Eraser
  - Highlighters
  - Ruler
  - Scientific Calculator (TI-83, TI-84 – please inquire if your child has a different one)

Tuition: we accept credit card payments!

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<b>SACT</b>	<b>ACT Math - Fall Only</b>	<b>Ages 14 - 18</b>	Tuition: \$60	Supply Fee: \$35
Urs Seiler	info@lgtutoring.com	Tuesday: 2:30 PM- 3:30 PM & Thursday: none- none	Class Size: min 3, max 12	

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Class Schedule: Tuesdays (once a week)  
Fall Semester 2017 only.

Description: Students will become familiar with the ACT exam, guidelines, and best practices focusing on the Math section.

Homework: Students will receive individual and customized practice plans on a weekly basis. Students will be expected to follow-through on their time commitment and complete their daily assignments.

Prerequisite: Algebra 1, Geometry, Algebra 2 (or some equivalent)

Supplies (to be provided by student):

- The Real ACT Prep Guide (available with CD as well - optional)  
ISBN: 9780768934328
- Notebook, paper
- Graph Paper
- Binder
- Pencils (No. 2 Pencils only)
- Color Pencils (at least three different colors)
- Eraser
- Highlighters
- Ruler
- Scientific Calculator (TI-83, TI-84 – please inquire if your child has a different one)

Tuition: we accept credit card payments!

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<b>SGTH</b>	<b>Geometry</b>	<b>Ages 13 - 18</b>	Tuition: \$80	Supply Fee: \$50
Urs Seiler	info@lgtutoring.com	Tuesday: 8:30 AM- 9:25 AM & Thursday: 8:30 AM-9:25 AM	Class Size: min 6, max 12	

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Class Schedule: Tuesdays and Thursdays

Description: We will be reviewing all key Geometry concepts throughout the year. 2-4 lessons will be introduced each class. Students will have opportunity to practice concepts in class.

Keys for daily assignments will be provided by teacher (including step-by-step instructions / solutions) - no grades.

Graded assessments (1-2 per chapter) conducted in class.

Students will have the opportunity to retake up to two assessments per semester.

Prerequisite: Algebra 1 (or some equivalent)

Supplies (to be provided by student):

- Textbook Prentice Hall Mathematics Geometry (Publisher: Pearson) ISBN-13: 9780131339972 (check with teacher before ordering as there are different versions available to ensure you are ordering the correct one).
  - Notebook, paper
-

- 
- Graph Paper
  - Binder
  - Pencils
  - Color Pencils (at least three different colors)
  - Eraser
  - Highlighters
  - Ruler
  - Compass
  - Protractor
  - Scientific Calculator (TI-83, TI-84 – please inquire if your child has a different one)

Tuition: we accept credit card payments!

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<b>SPA1</b>	<b>Getting ready for Algebra 1 - Spring only</b>	<b>Ages 11 - 14</b>	Tuition: \$60    Supply Fee: \$35
Urs Seiler	info@lgtutoring.com	Tuesday: 12:30 PM-1:25 PM & Thursday: none- none	Class Size: min 6, max 12

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Helping students prepare for the High School Algebra 1 class by reviewing key (Pre-)Algebra concepts.

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<b>SSAT</b>	<b>SAT Math - Spring Only</b>	<b>Ages 14 - 18</b>	Tuition: \$60    Supply Fee: \$35
Urs Seiler	info@lgtutoring.com	Tuesday: 2:30 PM- 3:30 PM & Thursday: none- none	Class Size: min 3, max 12

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Class Schedule: Tuesdays (once a week)  
Spring Semester 2018 only.

Description: Students will become familiar with the SAT exam, guidelines, and best practices focusing on the Math section.

Homework: Students will receive individual and customized practice plans on a weekly basis. Students will be expected to follow-through on their time commitment and complete their daily assignments.

Prerequisite: Algebra 1, Geometry, Algebra 2 (or some equivalent) - preferred, not absolutely necessary

Supplies (to be provided by student):

- The Official SAT Study Guide (2016 Edition)  
  Publisher: The College Board ISBN: 1457304309
- Notebook, paper
- Graph Paper
- Binder
- Pencils (No. 2 Pencil only)
- Color Pencils (at least three different colors)
- Eraser
- Highlighters
- Ruler
- Scientific Calculator (TI-83, TI-84 – please inquire if your child has a different one)

Tuition: we accept credit card payments!

## Preschool

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<b>RPS</b>	<b>Preschool</b>	<b>Ages 3 - 5</b>	Tuition: \$55    Supply Fee: \$60
Jan Regier	jansgirls@gmail.com	Tuesday: 9:30 AM- 11:25 AM & Thursday: none- none	Class Size: min 2, max 14

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Children will learn reading readiness skills in a variety of ways:

- story time
- music and rhythm
- phonics
- rhymes and pantomime

Children will learn basic math skills and enjoy crafts and projects to take home. They will practice kindness and sharing through games and simulations.

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## Science

**RN2 Nature 2** **Ages 6 - 9** Tuition: \$35 Supply Fee: \$55  
Debbie Raikes Tuesday: 12:00  
seven-raikes@juno.com AM-12:00 AM & Thursday: none-  
none Class Size: min 6, max 18

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This is a science class for 1st-3rd graders which will cover biomes this year. We study the rainforest, polar regions, savanna, deserts, landforms, dinosaurs and underground animals. The students will do a book report each month and take home papers to complete for each unit.

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**RPC Focus on Physics and Chemistry** **Ages 10 - 13** Tuition: \$40 Supply Fee: \$60  
Debbie Raikes Tuesday: 12:00  
seven-raikes@juno.com AM-12:00 AM & Thursday: none-  
none Class Size: min 6, max 18

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Students will use two text books from Real Science 4 kids: Focus on Middle school Physics and Chemistry as we do weekly experiments to demonstrate the concepts of each book. We will watch chemical reactions, study polymers, acids and bases. Energy and motion, periodic table, electricity, light and sound will all be part of fun experiments. We will use Knex, Keva planks, simple machines, and marble runs to discover different science concepts.

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**RSF Science Fun 1** **Ages 7 - 10** Tuition: \$40 Supply Fee: \$55  
Debbie Raikes Tuesday: 12:00  
seven-raikes@juno.com AM-12:00 AM & Thursday: none-  
none Class Size: min 6, max 18

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This science class will be a study on matter, energy, motion, simple machines, magnets, sound, light, color, electricity, air and water properties. We complete experiments and projects in class and send home papers on concepts to read most weeks. Students will use the Level 1 Real Science 4 Kids Physics textbook.

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**BAPTH Apologia Advanced Biology: Anatomy & Physiology** **Ages 14 - 19** Tuition: \$65 Supply Fee: \$85  
Dr. Ray Bohlin rbohlin@probe.org Tuesday: 8:30 AM-  
9:25 AM & Thursday: 8:30 AM-9:25 AM Class Size: min 3, max 12

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Apologia's A & P course follows Biology and Chemistry, focusing on the human body. There is a lot of memorization for this course, for which students may get extra credit for using the Quizlet flash cards keyed to this course. The textbook is Advanced Biology: The Human Body, 2nd Edition. Christianbook.com is a good source for this text; you can also find used textbooks on Amazon and Abebooks.com.

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## Science

**BBTH Biology** **Ages 13 - 18** Tuition: \$65 Supply Fee: \$75

Dr. Ray Bohlin      rbohlin@probe.org      Tuesday: 10:30 AM-11:25 AM & Thursday: 10:30 AM-11:25 AM      Class Size: min 3, max 14

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A high school level biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in creation. The class will complete 10 microscopic labs, 3 experiments, and 5 dissections incorporated in the text. In addition, we will be adding additional labs from a separate source.

Required text is Apologia, Exploring Creation with Biology Student Textbook, 2nd Edition  
Authors: Wile and Durnell Student Textbook,

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**BCTH      Chemistry      Ages 14 - 18      Tuition: \$65      Supply Fee: \$75**  
Dr. Ray Bohlin      rbohlin@probe.org      Tuesday: 9:30 AM-10:25 AM & Thursday: 9:30 AM-10:25 AM      Class Size: min 3, max 14

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This course is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry in order to prepare him or her for a college level course. This course covers significant figures, units, classifications, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions atomic structure, Lewis structures, molecular geometry, the gas laws and equilibrium. This class will be taught with an eye toward making the students comfortable and not fearful about attacking a difficult subject. Students will complete approximately 20 experiments from the text and additional sources as well.

The text is Apologia, Exploring Creation with Chemistry, 2nd Edition.

Prerequisite: Algebra 1

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**MPS      Physical Science      Ages 12 - 15      Tuition: \$45      Supply Fee: \$40**  
Isabella Mantel      nikolya24@gmail.com      Tuesday: 9:30 AM-10:25 AM & Thursday: none-none      Class Size: min 3, max 16

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This course is designed to be the last science course the student completes before high school biology. Physical Science will cover such topics as the atmosphere, the hydrosphere, environmentalism, the physics of motion, Newton's Laws, gravity, intro concepts for chemistry, and a brief biology introduction. We will extensively cover study skills, note taking, outlining and lab reports in a guided approach. Laboratory experiments will be conducted in class most weeks. PLEASE NOTE: Be aware that not all universities allow a Physical Science class to be counted as a high school science class. It is important to check this out with each university before a final transcript is submitted. Students need to purchase the textbook, 2nd Edition Exploring Creation With Physical Science, by Apologia.

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**MR101      Robotics 101      Ages 9 - 14      Tuition: \$40      Supply Fee: \$65**  
Dr. Nilda Martinez-Wuller      --      Tuesday: 10:30 AM-11:25 AM & Thursday: none-none      Class Size: min 6, max 21

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This class will be very engaging and hands-on as students learn about the mechanical dimension of robotics. It will mimic the FIRST® Tech Challenge (FTC) and VEX® robotic competition style of learning. Groups of 2 - 3 students will work as a team with a robotics kit.

In this class we will build the ground work for more advanced mechanical robotics concepts that will be offered the following years.  
Students will keep an engineering notebook at their academic level.

The first semester we will devote ourselves to studying the following as we build robots: gears, how to use gears for mechanical advantage, friction, center of gravity, and torque. We will then focus on learning about and constructing different types of object manipulators to plow, scoop, grab and accumulate objects. We will also study different lifting mechanisms such as the rotating joint and the 4 bar linkage. There will be a short introduction to sensors during the school year.

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Both semesters will culminate in an exciting class Robotics Competition modeled after FTC ®/VEX ®. The first semester competition (January/February) will be the training ground for the second bigger and more complex competition the second semester. For the competitions, each team will come up with a strategy to score the most points in the competition challenge that is announced. With this strategy in mind, they will then design and build a robot as they apply what they learned during the semesters. Each team will compete in alliance with another team. Awards will be given. This promises to be fun and challenging!

This class will explore and develop: STEM (Science, Technology, Engineering and Mathematics) skills, robot construction, building/understanding/evaluating different robotic arms and lifting mechanisms for specific functions, gear ratios for mechanical advantage, torque, center of gravity, friction, critical thinking skills, problem solving, working in teams and team collaboration, FIRST® ethics of Gracious Professionalism and fun competition.

The study of robotics must begin with Robotics 101 and 102 before proceeding to Robotics 201. Robotics 101 and 102 can be taken in any order but both classes must be taken before Robotics 201.

Required supplies: 1) pen/pencil 2) double sided tape 3) black Composition Graph Ruled notebook. There will be 15 min of homework per week for the first 6 weeks as students learn new concepts and how to keep an Engineering Notebook.

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<b>MR102 Robotics 102</b>		<b>Ages 9 - 14</b>	Tuition: \$40	Supply Fee: \$65
Dr. Nilda Martinez-Wuller	--	Tuesday: 9:30 AM-10:25 AM &		Class Size: min 6, max 21
nilda2004@sbcglobal.net		Thursday: none- none		

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This class will use an engaging and hands-on approach to explore the dimension of robotics dealing with robotic sensors and programming (autonomous robots). Groups of 2-3 students will work as a team with a robot with all required sensors. Students will keep an Engineering Notebook.

The students will learn how the color sensor, distance sensor, touch led, bumper sensor, LED sensor and gyro sensor work and how to program them in order for a robot to accomplish a specific task autonomously.

To write programs, we will be using ModKit, a graphical environment based on Scratch®, an MIT lab product. It uses colorful snap-together blocks which teach not only programming, but the thinking and logic behind the coding.

Throughout the first semester and part of the second semester, the students will learn about each sensor and specific programming concepts for each sensor. Each weekly class will introduce a new concept and will be followed up with a team activity to program a robot with sensors for a specific challenge using what was learned. The programs written in class will be printed at home and placed in the Engineering Notebook that each student will keep.

Toward the end of the second semester, the students will participate in a robotic competition completely autonomously. That is, a simple robot will be built and then programmed using sensors to play a game challenge autonomously (without a remote control). Prizes will be awarded.

This class will explore and develop: STEM (Science, Technology, Engineering and Mathematics), the flowcharting process behind programming, the logic needed to program and debug a program, establish the building blocks for more advanced programming/languages, how color sensors/distance sensors/smart motors/gyro sensors/bumper switch /touch LED work and how to program them to accomplish specific robotic tasks, working in teams / team competition, FIRST ® ethics of Gracious Professionalism and fun competition.

The study of robotics must begin with Robotics 101 and 102 before proceeding to Robotics 201. Robotics 101 and 102 can be taken in any order but both classes must be taken before Robotics 201.

Required supplies: 1) Must bring a MAC or PC to each class. Internet access must be blocked during class time. 2) Modkit software (free) must be installed prior to coming to first class 3) Black Composition Graph Ruled notebook (can use EN from Robotics 101) 4) double sided tape 4) ruler with metric and english system

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## Science

### **TLS Life Science**

**Ages 11 - 14**

Tuition: \$45    Supply Fee: \$50

Nancy Thompson    --  
thompda77@hotmail.com

Tuesday: 12:30  
PM-1:25 PM &  
Thursday: none-  
none

Class Size: min 4, max 12

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This course will teach middle school students the basics of life science. Through hands-on activities, experiments and class discussions students will learn the language and process of science. Students will be excited to learn about the living creation of God. We will be using the ACSI Purposeful Design Life Science text.

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## Social Science

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### **PT Texas History**

**Ages 11 - 14**

Tuition: \$40    Supply Fee: \$20

Mindy Piehler    mpiehler@att.net

Tuesday: 1:30 PM-  
2:25 PM &  
Thursday: none-  
none

Class Size: min 6, max 18

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Howdy y'all! It's time for Texas History! Let's learn about our great state. This class presents both a geographical and historical survey of the Lone Star State using pseudo newspapers written in present tense. An overall understanding and appreciation of Texas history will be gained through individual research and class discussions. The investigation and discovery of important dates, events, and people will give students a greater awareness of God's hand in the shaping of Texas. Students will prepare and present a variety of reports to the class including two biographies and several current event newspaper articles. Throughout the year students will be encouraged to gain a greater understanding of good citizenship. This course will culminate with a chili cook-off! Yeehaw! Fall and spring registrations are welcome. Please note that this class is offered every other year and alternates with LANDS AND CULTURES taught by Mrs. Piehler.

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### **RMW The Medieval World**

**Ages 8 - 11**

Tuition: \$40    Supply Fee: \$60

Debbie Raikes  
seven-raikes@juno.com

Tuesday: 12:00  
AM-12:00 AM &  
Thursday: none-  
none

Class Size: min 6, max 18

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Join us for maps, timelines, crafts, experiments, costumes, and projects of the Middle Ages. Design and make your own banner as we study heraldry, make a trebuchet as we study weapons, meet a bee keeper as we study food. Learn how a windmill, windlass, and salt work as we do experiments with kitchen duties. We will study the home life of kings, queens, and knights and learn the code of chivalry. Enjoy a crossbow, archery, and feast day as we study the tournament life. Come and learn about the Medieval World together.

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### **TAH American History**

**Ages 14 - 18**

Tuition: \$45    Supply Fee: \$50

Nancy Thompson    --  
thompda77@hotmail.com

Tuesday: 1:30 PM-  
2:25 PM &  
Thursday: none-  
none

Class Size: min 3, max 15

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This class will cover the study of America's history from the colonial times through the present. We will focus on America's Christian heritage and how God has blessed our country. We will be using Bob Jones American history text.

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## Social Science

<b>TGE</b>	<b>Government &amp; Economics</b>	<b>Ages 14 - 18</b>	Tuition: \$50	Supply Fee: \$40
Nancy Thompson	--	Tuesday: 2:30 PM- 3:25 PM &		Class Size: min 3, max 15
thompda77@hotmail.com		Thursday: none- none		

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This one year course will give high school students an understanding of our government and the basic principles of economics. In the 1st semester we will be using Notgrass Exploring Govt. text. We will be emphasizing the Biblical pattern of government. We will focus on our government from its beginning and the Constitution. We will also explore State and local gov't. In the 2nd semester we will be using the Notgrass Exploring Economics text. Students will learn about the world of economics and hopefully become better stewards of money that God provides them. An emphasis will be placed on contributing to the economy in the world around us and on personal finance.

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## Technical Skills

<b>MES</b>	<b>Engineering Skills</b>	<b>Ages 11 - 18</b>	Tuition: \$45	Supply Fee: \$75
Jim McMillan	mcmillan01@flash.net	Tuesday: 12:30 PM-1:25 PM &		Class Size: min 3, max 14
		Thursday: none- none		

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This is a fun hands on class that teaches divergent and logical problem solving abilities that will help you in all aspects of life, especially technical areas. Students will gain a working knowledge from basic electronics to computers, both electrical and mechanical systems by building special projects that you keep. The projects are fun, exciting and designed to develop creative skills and hone abilities. Schools today don't prepare students for what will be expected of them when they graduate. I try to fill this void. My classes teach them how to survive in a technical world, knowing how and what to do.

Past projects include a Lie Detector, FM Transmitter, Super Snooper, 'Gotcha' Circuit, Mom Alarm and the "Apple Breather" ckt. We do new projects each year but repetition of basic technical skills is a key to building confidence and ultimately the ability to initiate for oneself.

Students should take this class twice to gain a better understanding of the material, you must use your skills to improve them, this is true in everything you do. Talented/gifted students, may select higher level projects.

These classes are unique and special and can change your life - all you need is a willingness to learn (It's your job!). Past students have received college credits (after testing) and been accepted at MIT and other prestigious schools. I have invented and designed things all my life and want to pass these skills on to you, the next generation. Please visit the web-site [www.kinetic-learning-center.com](http://www.kinetic-learning-center.com) for other information.

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<b>MG</b>	<b>Gadgets &amp; Gizmos</b>	<b>Ages 8 - 10</b>	Tuition: \$40	Supply Fee: \$70
Jim McMillan	mcmillan01@flash.net	Tuesday: 1:30 PM- 2:25 PM &		Class Size: min 4, max 14
		Thursday: none- none		

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This is a hands-on class that is fun and appealing to both boys and girls who like to make things happen. Students learn to follow directions, pay attention to details, and work together. They build special projects that develop these skills and hone abilities. Come, discover that learning can be fun and exciting and you are capable of doing much more than you think! If you enjoy it, take it again to reinforce and increase your skills - it's different with new projects each year.

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<b>MW</b>	<b>How Things Work</b>	<b>Ages 10 - 18</b>	Tuition: \$45	Supply Fee: \$70
Jim McMillan	mcmillan01@flash.net	Tuesday: 10:30 AM-11:25 AM &		Class Size: min 3, max 15

Thursday: none-  
none

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For young wanta-be inventors this class will give you hands-on experience using original methods that I've developed over the last 50 years. These are the skills that made me a successful Product Design and Research Engineer - I want to pass them on to you. These principles (my methods) can be applied to all areas of your life not just the technical things. Schools today don't prepare students for what will be expected of them when they graduate. I try to fill this void. My classes teach them how to survive in a technical world, knowing how and what to do.

To develop, create, design or invent you must have a basic fundamental understanding of how and why things work. Without this knowledge you can only modify what others have done. The class will take apart all kinds of existing products to see how they work. We will then either fix/modify them or use the parts to make something else. This is an exciting class designed to demonstrate principles and learn skills needed to create new products that solve or meet specific needs.

This class will teach the application skills and knowledge needed to actually get the job done. I recommend taking this class more than once because it takes time and repetition to understand the basic concepts. Usually the first year most of what I teach goes over the students' heads. This is OK, they're learning a new language.

To motivate and keep things interesting the projects will be new each year. Come and join the fun! This might be my last year to teach at the undergraduate level! If Age 11 and a serious student you may ask the instructor for permission to take this class.

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