

RHSA Teaching Co-op Class Catalog – 2018-2019

Fine Arts

RPP	Private Piano	Ages 5 - 18	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.

WD1AM	Drawing - Beginning	Ages 6 - 18	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 10:30 AM-11:25 AM & Thursday: none-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.

WD1PM	Drawing - Beginning	Ages 6 - 18	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 12:30 PM-1:25 PM & Thursday: none-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.

WD2AM	Drawing - Intermediate/Advanced	Ages 7 - 18	Tuition: \$45	Supply Fee: \$20
Jay Weesner	jayweesner@sbcglobal.net	Tuesday: 9:30 AM-10:25 AM & Thursday: none-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.

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

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.

Fine Arts

WDC	Drawing Comics!	Ages 10 - 18	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

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.

WDI	Drawing with Imagination	Ages 7 - 18	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

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.

GYA	Young Elementary Art	Ages 5 - 8	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 15

A beginning art class with a range of mediums used throughout the year. Using Montessori Method, we will use art to developing muscles that will help in writing. Themes and studying various artists will be incorporated. Students will create memorable pieces to share.

GYA10	Young Elementary Art	Ages 5 - 8	Tuition: \$35	Supply Fee: \$40
Jennifer Goers	chrisjengoers@gmail.com	Tuesday: 10:30 AM-11:25 AM & Thursday: none-none		Class Size: min 5, max 15

A beginning art class with a range of mediums used throughout the year. Using Montessori Method, we will use art to developing muscles that will help in writing. Themes and studying various artists will be incorporated. Students will create memorable pieces to share.

VTHSA	High School Art	Ages 13 - 18	Tuition: \$40	Supply Fee: \$70
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Ellen Van
Treuren ellenvantreuren@gmail.com Tuesday: 2:30 PM-3:25 PM &
Thursday: none-
none Class Size: min 4, max 12

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.

Fine Arts

VTJA Journey's in Art Ages 9 - 12 Tuition: \$40 Supply Fee: \$45
Ellen Van Tuesday: 1:30 PM-2:25 PM &
Treuren ellenvantreuren@gmail.com Thursday: none-
none Class Size: min 4, max 12

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.

LCD Creative Drama Elem Ages 7 - 11 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

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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LTP Theatre Production Ages 11 - 18 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

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, 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.

Foreign Languages

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

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.

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

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.

Foreign Languages

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

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.

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- none		Class Size: min 3, max 15

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.

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.

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

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!

VTJHS	Junior High Spanish	Ages 11 - 14	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

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).

VTS1	Spanish 1	Ages 13 - 18	Tuition: \$40	Supply Fee: \$30
Ellen Van Treuren	ellenvantreuren@gmail.com	Tuesday: 10:30 AM-11:25 AM &		Class Size: min 4, max 15

Thursday: none-
none

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.

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)

Foreign Languages

VTS2	Spanish 2	Ages 14 - 18	Tuition: \$40	Supply Fee: \$30
Ellen Van Treuren	ellenvantreuren@gmail.com	Tuesday: 9:30 AM- 10:25 AM & Thursday: none- none	Class Size: min 3, max 15	

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)

Kindergarten

RKN	Kindergarten	Ages 4 - 6	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	

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
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- 7. listening to Bible stories, learning Bible verses, and singing songs
 - 8. sharing, working together, and enjoying friendships
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Language Arts

PG	Grammar	Ages 11 - 17	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

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 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.

HAS	Author Study 101 part 2	Ages 7 - 9	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

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.

HFR	Five in a Row 2	Ages 6 - 7	Tuition: \$35 Supply Fee: \$40
Marla Hughes	marla_hughes01@yahoo.com	Tuesday: 9:30 AM- 10:25 AM & Thursday: none- none	Class Size: min 3, max 12

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.

Language Arts

BCHT	Cursive Handwriting with Greek and Latin Roots	Ages 9 - 18	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

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.

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

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.

CEC Refresh, Reboot, Respond/Elementary Composition Ages 8 - 11 Tuition: \$45 Supply Fee: \$25
Eileen Chapman ask.eileen@tx.rr.com Tuesday: 1:30 PM-2:25 PM & Thursday: none-
Class Size: min 4, max 18
none

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: 2:30 PM-3:25 PM & Thursday: none-
Class Size: min 4, max 18
none

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.

Language Arts

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-
Class Size: min 8, max 15
none

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-
Class Size: min 5, max 15
none

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	

Life Skills

RMS	Make It From Scratch	Ages 11 - 18	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	

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.

BCC	Building Confident Christians	Ages 15 - 19	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	

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.

Life Skills

SSTUDY	Study Skills - Fall only	Ages 12 - 18	Tuition: \$60	Supply Fee: \$35
Urs Seiler	info@lgtutoring.com	Tuesday: 1:30 PM-2:25 PM & Thursday: none- none	Class Size: min 3, max 12	

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
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- 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

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!

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

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!

PJL	Junior High Literature	Ages 12 - 14	Tuition: \$40	Supply Fee: \$15
Mindy Piehler	mpiehler@att.net	Tuesday: 1:30 PM-2:25 PM & Thursday: none- none		Class Size: min 6, max 18

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.

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

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.

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

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!

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

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).

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- Notebook, paper
 - 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!

SACT	ACT Math - Fall Only	Ages 14 - 18	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	

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!

SGTH	Geometry	Ages 13 - 18	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	

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).
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- 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!

SPA1	Getting ready for Algebra 1 - Spring only	Ages 11 - 14	Tuition: \$60 Supply Fee: \$35
Urs Seiler	info@lgtutoring.com	Tuesday: 1:30 PM- 2:25 PM & Thursday: none- none	Class Size: min 6, max 12

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

Math

SSAT	SAT Math - Spring Only	Ages 14 - 18	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

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

RPS Preschool Ages 3 - 5 Tuition: \$55 Supply Fee: \$60
 Tuesday: 9:30 AM-11:25 AM &
 Thursday: none-
 none

Jan Regier jansgirls@gmail.com Class Size: min 2, max 14

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.

Science

RN2 Nature 2 Ages 6 - 9 Tuition: \$35 Supply Fee: \$55
 Tuesday: 10:30 AM-11:25 AM &
 Thursday: none-
 none

Debbie Raikes Class Size: min 6, max 18
 seven-raikes@juno.com

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.

RPC Focus on Physics and Chemistry Ages 10 - 13 Tuition: \$40 Supply Fee: \$60
 Tuesday: 9:30 AM-10:25 AM &
 Thursday: none-
 none

Debbie Raikes Class Size: min 6, max 18
 seven-raikes@juno.com

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.

RSF1 Science Fun 1 Ages 7 - 10 Tuition: \$40 Supply Fee: \$55
 Tuesday: 12:30 PM-1:25 PM &
 Thursday: none-
 none

Debbie Raikes Class Size: min 6, max 18
 seven-raikes@juno.com

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.

Science

BATH Apologia Advanced Biology: Anatomy & Physiology Ages 14 - 19 Tuition: \$65 Supply Fee: \$85
 Tuesday: 8:30 AM-9:25 AM &
 Thursday: 8:30 AM-9:25 AM

Dr. Ray Bohlin rbohlin@probe.org Class Size: min 3, max 12

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.

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

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,

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

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

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

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.

MR101	Robotics 101	Ages 9 - 15	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

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.

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.

Science

MR102 Robotics 102

Ages 9 - 15

Tuition: \$40 Supply Fee: \$65

Dr. Nilda Martinez-Wuller
nilda2004@sbcglobal.net

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Tuesday: 9:30 AM-
10:25 AM &
Thursday: none-
none

Class Size: min 6, max 21

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 programing, 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

TLS	Life Science	Ages 11 - 14	Tuition: \$45	Supply Fee: \$50
Nancy Thompson	--	Tuesday: 12:30 PM-1:25 PM & Thursday: none- none		Class Size: min 4, max 12
thompda77@hotmail.com				

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.

Social Science

PTH	Texas History	Ages 11 - 14	Tuition: \$40	Supply Fee: \$20
Mindy Piehler	mpiehler@att.net	Tuesday: 2:30 PM- 3:25 PM & Thursday: none- none		Class Size: min 6, max 18

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.

RMW	The Medieval World	Ages 8 - 11	Tuition: \$40	Supply Fee: \$60
Debbie Raikes		Tuesday: 1:30 PM- 2:25 PM & Thursday: none- none		Class Size: min 6, max 18
seven-raikes@juno.com				

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.

Social Science

TAH	American History	Ages 14 - 18	Tuition: \$45	Supply Fee: \$50
Nancy Thompson	--	Tuesday: 2:30 PM- 3:25 PM & Thursday: none- none		Class Size: min 3, max 15
thompda77@hotmail.com				

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.

TGE	Government & Economics	Ages 14 - 18	Tuition: \$50	Supply Fee: \$40
Nancy Thompson	--	Tuesday: 1:30 PM- 2:25 PM &		Class Size: min 3, max 15
thompda77@hotmail.com		Thursday: none- none		

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.

Technical Skills

MES	INVENTIONS 101 (Formerly Engr Skills)	Ages 11 - 18	Tuition: \$45	Supply Fee: \$75
Jim McMillan	mcmillan01@flash.net	Tuesday: 12:30 PM-1:25 PM &		Class Size: min 5, max 14
		Thursday: none- none		

INVENTING 101: Instructor: Jim McMillan, for ages 11-17
Fall 2018 class descriptions

This class is about building electrical and mechanical projects similar to those done in previous classes BUT ADDING how to invent new projects from scratch. Mr. McMillan is an inventor. He was a Product Development Research and Design Engineer for TI, REI and other companies. Mr. McMillan has never shared his unique design method until now. This class will learn how to use "Jim's Method" (c) (Copyright Protected) by going through the design process with their own projects. Some projects will be designed or invented by the students. These rare, unique and special classes will give you a jump on your competition and a head-start in your career. Jim looks forward to Mentoring, challenging and inspiring you to reach your full potential.

HOMEWORK is OPTIONAL but students can't make an 'A' unless they do outside assignments concerning creating/inventing projects. Students will be asked (optional) to submit ideas for proposed projects to the instructor and he will apply his special design methods to discuss the pros and cons of the project with the class to see if it is possible to build it. Sometimes an "Iffy/may not work" project may be selected - just for the fun of it and learning that failures are also part of the learning process!

Grades are determined by class participation and effort. Tests are 'open notes' and don't count toward grades, but to help select projects students can build successfully. Students must learn to solder, identify parts and learn basic facts before they can build projects. New/returning students who show they can do the work can select more advanced projects and become team leaders or helpers.

This 'hands-on' class teaches skills not taught in most schools...even college. You learn logical, critical and divergent problem-solving skills that will help in many aspects of life. New or modified projects are offered each year but the repetition of technical skills is key to building confidence, proficiency and ultimately the ability to initiate and modify one's own projects.

For over 25 years Mr. McMillan has enjoyed calls and visits from past students...in college and beyond. Whether placing out of engineering classes at A & M, being accepted to MIT or needing advice on their own inventions, Jim's students' accomplishments have delighted him as much as his own.

Jim's been inventing since he was a boy, bugging his family's home and the service station next door, among

other things. Then going on to win HS Science Fair top honors in 8th-12th grades. In his professional career as an Electrical Engineer(SMU grad), Jim invented many things including the breakthrough in 'no-glasses'/special screen 3D TV and movies seven years ago. Inventing is not just a subject he teaches; it's what he's been doing lifelong!

Visit Jim's website (www.kinetic-learning-center.com), look for "Jim's Background" and under "Announcements" look for 'Jim's Steps for Success', both on Homepage. The plan is to teach students the skills needed to design projects from scratch. Jim will be the guide or safety valve to keep them on the right track.

Past students have received college credits and have been accepted at MIT, SMU and other prestigious schools. Jim has invented and designed things since age 10 and wants to pass his skills and techniques own to you the next generation.

MG	Gadgets & Gizmos	Ages 8 - 10	Tuition: \$40	Supply Fee: \$70
Jim McMillan	mcmillan01@flash.net	Tuesday: 1:30 PM- 2:25 PM & Thursday: none- none		Class Size: min 5, max 14

This is a hands-on class that is "Fun & Appealing" to both boys and girls who like to make things happen. Jim's teaching methods emphasize a progressive and systematic introduction of tools, skills, and abilities needed such as soldering, following directions, paying attention to details, and working together to build quality projects.

New projects are offered each year that are designed to develop creative skills, understanding of basic principles and problem-solving methods. Students work 'individually - to hone skills' and 'in teams - learning to work together'. Parents can learn more about the classes, see 'examples of past projects' or 'e-mail Jim' from his website www.kinetic-learning-center.com

Come, discover that learning can be exciting and fun plus you are capable of doing much more than you think! If you enjoy the class take it again to reinforce and increase your skills - it's different with new projects each year.

Students build and keep quality projects that develop your skills and hone abilities.

MW	How Things Work	Ages 10 - 16	Tuition: \$45	Supply Fee: \$70
Jim McMillan	mcmillan01@flash.net	Tuesday: 10:30 AM-11:25 AM & Thursday: none- none		Class Size: min 5, max 14

For young wanna-be-inventors (ages 10+). Jim has spent 50+ yr's developing a unique creative method and skill-set that he still uses today to create original designs. These skills are what made Jim a highly successful Product Design and Research Engineer.

Visit: www.kinetic-learning-center.com Jim's website and on the Homepage see 'Jims Background' and under 'Announcements' read 'Jim's Steps for Success', you must have these. Jim wants to pass what he's learned on to you the next generation.

Jim's methods and understanding the principles of how things work can be applied to many areas of your life, not just the technical. Colleges today don't teach what you need to know to survive when you graduate. If going into a technical field of study please talk to Jim 214-521-1444 so he can explain this to you. Jim's classes fill this void.

To develop, create, design or invent anything you must have a basic understanding of the principles of how and why things work. Without this knowledge, you can't create original concepts but only modify what others have done. The class will take apart all kinds of things to see how and why they work. We will fix or modify them or use their parts to make something else. This is an exciting class designed to demonstrate principles and learn skills needed to create new products. We will build or modify existing things to solve or meet a specific need.

This class teaches how to apply head knowledge, technical skills and abilities with common sense to actually get a 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 your heads, this is OK. If you don't quit or give up, you're learning a new language, hang in there and keep trying.

To motivate and keep things interesting new projects will be offered each year. Come and join the fun! If Age 10 and a serious student you may ask the instructor for permission to take this class.

Past projects include building liquid cooled Gaming Computer, repaired X-Box 360, Built WarBot Robots, gas welding, Free Wi-Fi antennas, lightning generators, Marshmallow Cannons, Rat(trap) Racers, a go-cart & LED lantern survival light. Learned house wiring installed ceiling fans and 3-way light switches, stereos, surround sound, install 3-way light switches with a dimmer, Humanoid Robotics, Everything Automotive, Taken apart; R/C cars, computers, smartphones, hard drives, modified keyboard to build Audio controller, electric motors, electric drills, soldering irons, glue guns, a lawn mower engine, converted a stereo system to 'virtual surround sound', used metal & plastic bending tools and many many other things.
