

SUPER SATURDAYS

SPRING 2009 ■ February 14 - March 7 ■ Texas Tech University
Office of Institutional Diversity
IDEAL – Institute for the Development and Enrichment of Advanced Learners

COOKING AND CULTURES

Grades 1 - 3; 9:00 am to 11:00 am

Grades 4 - 6; 11:00 am to 1:00 pm

If you cannot break out your passport and travel the world, the next best thing is taking an imaginary journey exploring far away culture and cuisine. Get ready to tingle your traveling taste buds. We will start our culinary expedition in Mexico, then head west to China and then travel thousands of miles to Italy and France. You will make recipes from each country and learn about its culture. Travel never tasted so good. \$86

ALL THE WORLD'S A STAGE

Grades K - 2; 9:00 am to 11:00 am

Grades 3 - 6; 11:00 am to 1:00 pm

Please, make a scene. Celebrate the magic of theatre and create a new world through acting, improvisation and make believe. You will be guided through the basics of stage performance and delivery while gaining confidence and having a great time. This class will work towards a performance for family and friends to be presented on the last class meeting. \$76

ANATOMY AND PHYSIOLOGY

Grades 4 - 6; 11:00 am to 1:00 pm

Explore the complex, content rich study of anatomy and physiology. In this class, you will role play as a medical intern and diagnose three patients after conducting experiments and careful study. You will have the opportunity to learn about the eleven body systems by investigating information about patients with various disorders. A few of the incredible experiments include blood typing, kidney function, lung capacity, enzymes, bone dissection, blood pressure and the effects of nicotine. \$86

ANIMAL SCIENCE

Grades 3 - 6; 9:00 am to 11:00 am

In this hands-on class, you will learn about meat, animals, food production, and food science. You will have the opportunity to gain experience at the Texas Tech New Deal Field Laboratory and learn what it is like to work with horses, cattle, sheep, and pigs. Transportation to the New Deal Field Laboratory is provided. \$76

FORENSICS: THE SCIENCE BEHIND SOLVING CRIMES

Grades 4 - 6; 9:00 am to 11:00 am

The main focus of this course is fingerprint detection, identification, and development. Other forensic techniques explored are hair and fiber examination, and document examination. You will gain an appreciation of the physics, biology, and chemistry behind forensics. The class will end with a mock crime investigation. \$76

MATHEMANIA

Grades 2 - 3; 11:00 am to 1:00 pm

Come and explore the wonderful world of mathematics through magic, culture, games and a variety of hands-on activities. Learn to organize arithmetical work, perform high-speed paper and mental calculations, build an abacus, estimate the height of buildings and much more! \$76

ADVENTURES IN ART

Grades K - 3; 9:00 am to 11:00 am

Grades K - 3; 11:00 am to 1:00 pm

Come join the fun and adventure of the world of art! Experiment in painting, color, shapes, and drawing. Design and creativity are emphasized in this fast-paced art class. \$86

LEGO ROBOTICS

Grades 2 – 3; 9:00 am – 11:00 am

Grades 4 – 6; 11:00 am – 1:00 pm

In this exciting hands-on class you will learn to design a LEGO robot to perform specific tasks. After building the base robot, you will learn to program it to find its way along a specific path or to a given location, move around items, or avoid obstacles. You may then add sound, light, or sensors which collect data that allows your robot to better perform these tasks. At the end, all robots will participate in a competition that will determine the best design. \$76

IN THE LAB

Grades 4 – 6; 11:00 am to 1:00 pm

This fast paced class will demonstrate that the pursuit of science is an interdisciplinary endeavor. Through hands-on experiments, you will explore a number of fields like medicine, biology, chemistry and physics. If you are interested in gaining information to focus your academic path, or just want to learn more about several scientific disciplines, this class is for you. \$86

THE SCIENCE OF ART

Grades 3 – 6; 9:00 am to 11:00 am

In this class you will delve into the science of art through creative experimentation. If you are interested in science and art, you've found the perfect class! You will create works of art and explore scientific principles. You will paint with some wild and zany media like shaving cream and food coloring. \$76

SPANISH IN ACTION

Grades K – 3; 9:00 am to 11:00 am

Calling all niños: take this fun-filled class to learn Spanish, one of the top five languages in the world! By taking this class, you will join 425 million native Spanish speakers and will learn words to help you communicate, travel, and get a good job. You'll also explore the culture, games, and music of Spanish-speaking countries through many fun-filled activities! \$76

CLICK TO CREATE!

Grades 4 – 6; 11:00 am to 1:00 pm

Creativity and computer graphics collide! In this class, you will walk away with a personal portfolio full of computer based graphic design pieces. You will have a whole new grasp of the industry's most powerful graphic design software. Have you ever wanted to turn your dog green or transform everyday images into something super? Learn how the pros do it! Discuss design elements and learn digital photography tricks of the trade. Basic computer knowledge is strongly recommended. \$86

DREAM IT, BUILD IT

Grades 2 – 3; 9:00 am to 11:00 am

Can you imagine building a beautiful building? In this class you will learn in a "constructive" manner and see how art merges with architecture. You will draw, paint, and create floor plans. Activities may include reconstructing Stonehenge, bridge building and building geodesic domes. \$76

DINO-ROCK

Grades K – 2; 9:00 am to 11:00 am

Grades K – 2; 11:00 am to 1:00 pm

The study of paleontology leads us to questions and answers of how our world came to be. You will perform experiments and activities that will help you understand dinosaur excavation, teach you how to determine dinosaur behavior based on footprints, and learn about fossils, while making some of your own. \$76

ORDER IN THE COURT

Grades 4-6; 11:00 am-1:00 pm

Why do we need lawyers and judges? Discover what the law is, why we have it, and what lawyers and judges really do. This class will help you to understand the different aspects of law from the history of law to the role of those who interpret and enforce the laws. The class will participate in a mock trial. Learn what it takes to become a lawyer. \$76

BUILDING IN MINIATURE *(note different dates)*

Grades 4 – 6; 11:00 am to 1:00 pm

Experience the pleasure of building your own miniature structure in one-inch-to-one-foot scale! You will learn the same techniques that builders and designers use — and leave with a completed project. *Class fee includes all materials.*

Please note: Class meets on February 14 and 21 only. \$70

EXPERIMENTS GALORE

Grades K – 1; 9:00 am to 11:00 am

Grades K – 1; 11:00 am to 1:00 pm

In this action-packed, hands-on class, you will observe, investigate, and experiment. Through your experiments, you will learn about different kinds of science. We will make everything from volcanoes, to rockets, to invisible ink. Join us and discover the wonders of science. \$76

NEW!

Run on the Wind:

Engineering A Clean Tomorrow

June 7-12 ; For students entering grades 7-11

Run on The Wind will provide students an introduction to the field of wind science and an opportunity to consider wind science as a future academic pursuit.

Session topics and activities include:

- Principles and physics of wind to electricity
- Atmospheric and meteorological aspects of forecasting wind power
- Wind sailing at Reese Technology Center (wind permitting)
- Model Turbine Project competition

SUPER SATURDAYS REGISTRATION FORM — SPRING 2009

Student's Name _____ Birth Date / / Home Phone _____
Social Security # _____ Age ____ Gender ____ (M/F) Family email _____
May we contact you by email? Yes No
Address _____ City _____ State ____ Zip _____
Parents' Names _____ Father's Work # _____ Mother's Work # _____
Former participant? _____ School Attending _____ Grade _____
How did you learn about this class? direct mail school advertising (TV/Radio) Other _____

CLASS CHOICE(S): Please list two classes in the event your first class choice is not available.

1. _____
Class _____ Time/Fee _____
2. _____
Class _____ Time/Fee _____

Total amount enclosed \$ _____. Make checks payable to Texas Tech University, or charge the fee to VISA, MasterCard, or Discover.
 VISA MasterCard Discover Card # _____ Exp. Date _____
Security Code _____ This is a three digit code on the back of your card.
Name of Cardholder _____ Signature _____

RELEASE & HOLD HARMLESS

_____, Parent/Managing Conservator/Guardian, (circle one) understand that the minor child, _____ has the opportunity to participate in *Super Saturdays*, a program for students sponsored by Texas Tech University, Institute for the Development and Enrichment of Advanced Learners, Lubbock Texas from **Feb. 14 - March 7 2009**. I hereby affirm that I desire to have my minor child participate in said program. I give my permission for my minor child to ride in public transportation or in vehicles driven by Texas Tech employees or representatives to and from designated activities. I, the undersigned, am aware of the dangers associated with travel by motor vehicle or other conveyance and the possibility of injuries or death while in transit. I understand that my minor child will participate in general classroom, educational, and camp activities during this program. I am aware of the dangers associated with such activities and the possibility of injuries or even death in such participation. In consideration of allowing my minor child to attend the above mentioned activities, I, the undersigned, do hereby release, indemnify, and hold harmless Texas Tech University, its Board of Regents, all the University's officers, agents, and employees, and the Institute for the Development and Enrichment of Advanced Learners from any and all liability due to injuries, damage or death arising or resulting from any act or omission, express negligence or otherwise, of said Texas Tech University officers, advisors, agents, and employees and other officers or members of the Institute for the Development and Enrichment of Advanced Learners, or any other person or participant in said activities while attending the activities or while in transit to and from activities.

The terms hereof shall also serve as a release and an assumption of risk for my minor child's heirs, executor and administrator, and for all members of my child's family and be pleaded as a bar to litigation.

Jurisdiction of this matter and venue shall lie in Lubbock, Lubbock County, Texas. I, the undersigned, on behalf of my minor child agree to indemnify and

hold Texas Tech University, its Board of Regents, and all the University's officers, agents and employees harmless from and against any and all personal injury. I am above the age of eighteen (18) years and read this Release and Hold Harmless Agreement and voluntarily understand and accept its terms.

■ Signature of Parent, Managing Conservator, or Guardian _____ Date _____

Print or type name of Parent, Managing Conservator, or Guardian _____

MEDIA COVERAGE/PARTICIPATION

I hereby give permission for the name of the minor listed above to be released to the media or for him/her to participate in any media coverage which might transpire during the course of the program. I authorize the use of the minor's name, biography, likeness, voice and performance in the production of the program(s) and for the purpose of publicizing and promoting the program(s). I represent that I am a parent (guardian) of the minor whose name is listed above and I hereby agree to have my child participate in media coverage.

MY CHILD **MAY** PARTICIPATE IN MEDIA COVERAGE.

■ Signature of Parent, Managing Conservator, or Guardian _____ Date _____

MY CHILD **MAY NOT** PARTICIPATE IN MEDIA COVERAGE, and I do not wish his/her name released to the news media.

■ Signature of Parent, Managing Conservator, or Guardian _____ Date _____

Return to: IDEAL, Texas Tech University, Box 41008, Lubbock, TX 79409-1008 or bring your registration form and payment to the Administration Building, Room 303. Phone: (806) 742-2420, Fax: (806) 742-0480, For more information call at (806) 742-2420 or visit our website at www.depts.ttu.edu/diversity

Persons with disabilities who may need auxiliary aids or services are requested to call (806) 742-2420 at least five days in advance of participation so that appropriate arrangements can be made.

SUPER SATURDAYS is an academic enrichment program designed to meet the needs and interests of high-achieving and gifted students. Classes are taught by university faculty, graduate students, and public school teachers. SUPER SATURDAYS is one of several programs offered by IDEAL. For more information, call (806) 742-2420 or visit our webpage at www.depts.ttu.edu/diversity

REGISTRATION

You may register by phone, fax, mail, or in person. A student not previously enrolled in the program must attach a copy of **one** of the following: his or her most recent report card (B+ average required) or a letter of recommendation from a teacher or school official emphasizing why the student would qualify for and benefit from the program. Students who have formerly been accepted into SHAKE HANDS

WITH YOUR FUTURE, SCIENCE: IT'S A GIRL THING, SUPER SATURDAYS or who are in kindergarten or first grade are not required to submit letters of recommendation or a report card. It is your responsibility to determine classroom locations if we receive your registration less than five working days prior to the beginning of class.

PAYMENT

Complete the registration form and enclose a check payable to Texas Tech University. If the class is full or does not have sufficient enrollment, a full refund, or a credit for the following semester's Super Saturdays, will be issued. VISA, MasterCard, Discover, or American Express is accepted. Send the completed registration to: **IDEAL, Texas Tech University Box 41008 Lubbock, Texas 79409-1008**

DROP BOX

IDEAL has a drop box installed inside the west entrance of the Administration Building. You may drop off your registration in the box or come to Administration 303. Our offices are on the east wing of the third floor.

FEES, EARLY BIRD FEE AND REFUND POLICY

Classes are \$76 unless otherwise noted. Earlybird class fees are \$6 less than the fee listed. Registering on or before January 30, 2009 qualifies you for the Earlybird discount. If you request a refund, tuition minus a \$10.00 administrative charge will be refunded if we receive a written cancellation no less than five working days prior to the beginning of class. IDEAL reserves the right to cancel certain classes due to low enrollments. Registration deadline is February 6, 2009 for all classes.

MARK YOUR CALENDARI!

- *Shake Hands With Your Future* Session I - June 7-12, Entering grades 8-11
- *Shake Hands With Your Future* Session II - July 5-10, Entering grades 4-7
- *Science It's A Girl Thing* Session I - June 22-25, Entering grades 5-6
- *Science It's A Girl Thing* Session II - July 20-23, Entering grades 7-11
- *Run on the Wind: Engineering A Clean Tomorrow* June 7-12, For students entering grades 7-11

Return Service Requested

16G062-B63021-300

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Office of Institutional Diversity

IDEAL
TEXAS TECH UNIVERSITY



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