

## **Lego Club** (Grades 2-5)

*Instructor: Melissa Mello*

Five feet dinosaurs! Three feet spiders! If you like building and creating, this is the class for you! We will use thousands of Legos as well as some other really cool brain games! We'll integrate math and measuring into our week! Hope you will join the fun!

## **Magnetic Magic:**

### **Exploring Magnets and Electricity** (Grades 2-5)

*Instructors: Niki Nestoras and Helen Tselentis*

Have a zapping good time with electricity and exploring the magic of magnets through hands-on investigations. Electrifying experiments will "enlighten" you. You will be "pulled-in" by our demonstrations. Discover what magnets are and how electricity works.

### **Fractured Fairytale Puppetry** (Grade 2-5)

*Instructor: Nancy Lieber*

Create puppets from unusual items, set the script, design the costume, choreograph, make the set design, and presto! You have a puppet show extravaganza! The sky is the limit when creativity is involved. On the final day a dramatic puppet production will be performed for all to enjoy.

### **Drummin' and Strummin'** (Grades 2-5)

*Instructor: Beth Wartzenuft*

You're invited to journey through a week filled with musical fun! You will explore where the Blues came from and write your own blues songs! Learn how to write all kinds of songs and put them to familiar music and sing along with Trav on the guitar and Beth on the drums. You'll even get to play African djembe drums yourself and learn some easy rhythms you can tap out at home! This class is sure to bring out the singer and songwriter in everyone...musical instruments welcome!

### **Things are Looking Up!** (Grades 6-9)

*Instructor: Joe Koshollek*

Get started on a lifetime of looking at the sky! Learn about the wonders of the universe and astronomy without leaving our home planet. Utilize mathematics to create scale versions of our solar system. As junior astronomers, your eyes will pop as you learn to use telescopes to explore our solar system and the Milky Way Galaxy!

## **Space Cadets: The Mathematics and Technology of Aerospace Engineering** (Grades 6-9)

*Instructor: Jack Blake*

Weather, air pressure, surface tension, center of gravity, magnetism, electricity, recycling, and model rocketry. What do they all have in common? Working together they have allowed the human race to explore space. Start our space cadet adventure by working with math, aeronautics, and space sciences.

### **Strong Body!** (Grades 6-9)

*Instructor: Alan Uher*

Learn about the brains of the operation of your body! No Bones about it! You will get pumped and say a mouthful as you learn about the nervous, skeletal, circularity and digestive systems through beef bone dissection, the saltine challenge, 30 feet of guts, and Jello-brain food.

### **Science of Cooking** (Grades 6-9)

*Instructor: Elke Sommers*

When we think of science we think of universities, hospitals, and museums. But science can also be found in your family's kitchen. Cooking and science go hand in hand. Explore things such as eggs, breads, spices, and candy making. Learn how to grow, measure, and have fun with food and science in the kitchen. Sometimes you can even eat your homework!

### **Dynamo Detectives** (Grades 6-9)

*Instructor: Nancy Smith*

A crime has occurred and we need the help of the Dynamo Detectives to crack the case. Join us to learn how science is used to solve crimes. Explore a variety of crimes solving techniques including fingerprinting, hair and fiber analysis and even study bones while working on your observations skills.

### **Smile, Say "Cheese" You're an**

### **Entrepreneur** (Grades 6-9)

*Instructor: Jeff Sroka*

Learn how business works while you discover your own creativity using digital cameras and professional lighting equipment. As budding entrepreneurs you'll experience the steps it takes to become a business person while also learning studio portrait photography.

## **Backyard Biology** (Grades 6-9)

*Instructor: Don Harr*

How many different kinds of plants live in your backyard? How strong are insects? Do insects have territories? Learn laboratory skills as well as field study skills while exploring the answers to these questions and more.

### **Lights, Color, Action!** (Grades 6-9)

*Instructor: Sue Whitney*

Have you ever wondered about rainbows? How about how colored light affects people and things? If so, it sounds like you are thinking like both an artist and a scientist, and this is the class for you! Learn about how to make things appear three dimensional and create artwork that uses different techniques.



**Field Trips:** During this week students will participate in fieldtrips. These adventures will serve to extend and enrich the concepts and materials covered in the course work.

**Registration:** Complete the form below or download one on our website at: [www.wasdi.org/sallyr.html](http://www.wasdi.org/sallyr.html).

## REGISTRATION FORM

Child's Name \_\_\_\_\_

Name of Parent/Guardian \_\_\_\_\_

Home Address \_\_\_\_\_

Parent's Work Phone \_\_\_\_\_

Parent's Cell Phone \_\_\_\_\_

Child's Age \_\_\_\_\_ Grade Level as of 2009 \_\_\_\_\_

School District Attending \_\_\_\_\_

**Class Selection** (choose one for the morning and one for afternoon)

1st Choice \_\_\_\_\_

2nd Choice \_\_\_\_\_

**Alternatives** (in case above selections are full):

3rd Choice \_\_\_\_\_

4th Choice \_\_\_\_\_

**Youth T-shirt Size:** Small Medium Large X-Large

Interested in optional "After-Camp Care" Yes No

\*Please return completed application form along with a check payable to Sally Ride Academy,

19601 W. Bluemound Rd, Suite 200,

Brookfield, WI 53045

Waukesha

### What:

The Young Engineers Society Experience is for students who have just completed grades 1-8 (entering 2-9 in the 2009-2010 school year) and who have an interest in math, science, and engineering. Students will choose two courses (one for the morning session and one for the afternoon session) from the twelve courses offered, providing a variety of hands-on learning opportunities. A mid-week field trip featuring local areas of interest will be a part of the four day experience. On the final day, students will showcase a project to share with their guests and fellow classmates. Class sizes will be limited to 20 students.

### When:

Classes will be in session from 8:00 a.m. - 3:15 p.m. Monday, July 13 - Friday, July 17 at Butler Middle School in Waukesha. Please note that the Astronomy class (Things are Looking Up!) will also offer a voluntary additional evening session for students and their families.

### Cost: \$200.00 payable to the Sally Ride Academy

**Applicable Discounts:** \$25.00 off registration for each sibling **OR** \$25.00 off when registering for both weeks. Register by May 22nd and take an additional \$15.00 off. Students of teachers receive \$50.00 off registration (other discounts not applicable for teachers).

### Pick-up and Drop Off:

Parents are expected to arrange prompt transportation to and from the Sally Ride Academy for Kids at Butler Middle School, 310 N. Hine Ave., Waukesha, WI 53188.

**Drop off:** 7:45 - 8:00 a.m. **Pick-up:** 3:15 p.m. promptly

\*After-camp care is also available until 5:30 p.m. for a nominal fee

### Lunch:

Students should bring their own bag lunch daily.

*Note: Confirmations will be sent along with parental permission and emergency contact and safety forms within two weeks of the receipt of the payment. Refunds will only be made for classes canceled by the Sally Ride Academy.*

## *for kids!*

July 13-17, 2009

Butler Middle School

310 N Hine Ave, Waukesha, WI 53188

Say Y.E.S.  
to Engineering

An Induction to the

## YOUNG ENGINEERS SOCIETY

Sally Ride Academy  
19601 W. Bluemound Road, Suite 200  
Brookfield, WI 53045  
Phone: (262) 370-5451  
Email: [sracademy5451@sbcglobal.net](mailto:sracademy5451@sbcglobal.net)  
Web: [www.wasdi.org/sallyr.html](http://www.wasdi.org/sallyr.html)