



www.giftedresourcecouncil.org



What is Learning Lab?

Learning Lab is enrichment classes

for bright and talented students from pre-school through eighth grade. Classes are held on six Saturday mornings and afternoons twice yearly in the Fall and Winter.

Learning Lab challenges students

academically and creatively. Students make new friends while they explore a topic in-depth and/or develop new skills. Class sizes are limited to achieve optimal student/teacher interaction.

Learning Lab has excellent teachers

who are chosen for expertise in their area and for their skill in working with bright students.

- Dates:** February 7, 14, 21, 28
March 7, 14
- Times:** 9:30 – 11:00 & 11:10 – 12:40
- Location:** Wydown Middle School
6500 Wydown Blvd.
- Tuition:** Each six week class is \$95
- Questions:** Call Gifted Resource Council
314-962-5920



Notification

You will be notified ONLY if the class for which you have registered is filled or cancelled. NO written confirmation will be sent. You are welcome to call the GRC office (314-962-5920) to confirm your child's registration in advance of the first Saturday class.

Dismissal

Children must be picked up at the classroom door promptly at the end of class. If your child has signed up for two classes, he or she will be supervised during the 10 minute break between classes.

Field Trips

On field trip days, unless otherwise specified by the instructor, students will be expected to meet at their destination, with round trip transportation provided by the parents. We are unable to provide group transportation.

Parking

Parking is available in the lot west of Wydown Middle School or on the street. Enter the building through the front entrance. Follow the GRC signs to the Registration Area.

Parenting Classes

11:10 – 12:40

February 14 – *"The Twice Exceptional Child"* with Dr. Agnes Meyo

February 21 – *"What Gifted Kids Want their Parents to Know"* with Dr. Carolyn R. Cooper

February 28 – *"Coping with Worries and Fears of the 'Real World'"* with John Yunker

March 7 – *"Improving Communication: Parent, Teacher and School"* with Nancy Bonn-Winkler

* Indicates a New Offering

9:30 - 11:00

* **Rainbow Colors**

Ages: 3-4

Investigate all things rainbow! Rainbow myths (Is there a pot of gold at the end of a rainbow?), rainbow books, rainbow colors. How often does red occur in nature? How can you make your very own rainbow? Explore a different rainbow color each week, mixing colors in paint, creating designs with colored water, looking at books such as "The Magic School Bus Makes a Rainbow," "The Rainbow Fish" and "The Rainbow Sea."

Instructor: Kathie Eckelkamp



* **Booking Fun!**

Ages: 4-5

Act out some of the award-winning – and great fun – literature through dance, music, puppetry, and art work. Create your own duckling and act out "Make Way for Ducklings" by retracing the ducks' routes on a large-scale map of Boston. Lace a large mitten to recreate "The Mitten." Then make stick puppets of the animal characters, sequencing the story by placing the animals in their hand-made mitten. After listening to "Song and Dance Man," we'll dress up in costumes to act out favorite parts of the book with music and dance. We'll read and 'live' these and other great works of literature!

Instructor: Betty Arendes

* **Transported through Time**

Ages: 5-6

Rev your engines, toot your horns and take a ticket to tons of fun and hands-on learning as we explore the world of transportation. We'll transport ourselves through time as we discover the marvelous inventions people have developed to get from one place to another, from the horse and buggy to modern space vehicles. Along the way, we'll build bridges, make a train whistle, have races, make a map and design our own vehicle. Our journey includes science, math, history, crafts, songs, movement and games! Come along for the ride!

Instructor: Shalawn Grabner

* **Get Your Hands on Physic Phun**

Grades: K-1

If you missed our Fall class, you still have time to roll up your sleeves and join us for some hands-on physics "phun" as we perform experiments designed to demonstrate and explain basic scientific principles. Old favorites, like Eggbert, our science mascot, who will brave flames, heat, and cold to help us understand the nature of gases and the impact of energy on matter, will make return appearances. We also have new ideas for exploring some familiar scientific principles. For example, we'll be demonstrating Mr. Newton's Third Law by launching pop rockets fueled by carbon dioxide bubbles we'll create as we mix baking soda and vinegar. And this session we'll be using your questions and ideas to design experiments to try in class. Of course, don't forget to dress for mess because in this class, science isn't always neat and tidy.

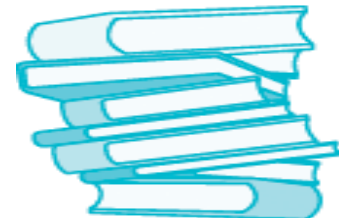
Instructors: Dennis & Barbara Grzenczyk

* **Let's Book It!**

Grades: 1-2

Produce puppets with growing noses like Pinocchio, decorate wooden eggs for "Raising Dragons" and generally explore the fantastic world of books – storybooks, poetry, and nonfiction. Create a recipe holder to record the bread-making recipe of "The Little Red Hen." We'll also design a zig-zag book for "The Life Cycle of a Bean" and tissue paper collages after we consider the vibrant life of Verdi. Join us for this and much more, as our craft projects relate to each story we select.

Instructor: Phyllis Richter



* **The Incredible Human Body**

Grades: 1-2

What happens to your food when you swallow it? How does sound travel through your ear? What is the difference between an artery and a vein? Whew! Help us answer these questions in a scavenger hunt "through" the flow of blood in our bodies, or as we see how the esophagus works using pantyhose, or as we build a model lung. Compare your heart rate



9:30 - 11:00 *continued*

at rest, after walking and after jumping jacks. Find out how small bones in your back help the body bend, while long bones do not.

Instructor: Abby Lombardo

Checkmate!

Grades: 1-4

A formal introduction to chess for the novice or the amateur player. Learn how the pieces move and how to record your games, as well as how the pieces work together to produce checkmate. Learn basic principles of the game. More advanced students will be accommodated within the classroom.

Instructor: Stephen E. Randoll

The Way Things Work

Grades: 2-3

What possible link could there be between zippers and plows, dentist drills and windmills? What about parking meters and meat grinders, jumbo jets and jackhammers, remote control and rockets, electric guitars and egg beaters? In this class we'll use experiments, games and the computer to discover the "secrets" behind the things we see or use every day. How does e-mail work? What about the human eye? We'll delve into the physics and scientific principles behind these questions and many more.

Instructor: Kathleen Greenwald

*** The Art of Math**

Grades: 3-4

If you mix art with math, do you get a hexagon-a-doodle? Or maybe an octagon-o-sphere? Take the tools of the (math) trade – such as compass and ruler – plus any of your basic (and not-so-basic) geometric shapes, and

combine them into symmetrical and asymmetrical designs. Use color and creativity to turn geometric concepts into unique, frameable mathematical designs!

Instructor: Denice Smith

*** Catastrophic Geology**

Grades: 3-5

Thunder and smoke! Heat and transformation! From the meteorite strike that destroyed the dinosaurs to the Krakatoa Volcano, unearth the truth about the rocks and minerals formed from molten magma. Unsurface

*** Indicates a New Offering**

the dirt on various igneous rocks and meteorites. How does information about crystals help geologists find ore bodies, precious metals, diamonds and gems? Explore hydrothermal minerals, geothermal energy and hot springs. Gush about geysers, finger some fossils, and more!

Instructor: Mike Szwabo

Create the Music!



Grades: 3-5

Find the music in you! You might love singing with the iPod. Or maybe ditties are determined and fugues are furious to surface from your soul. If you love to put sounds together, join us as we compose, record, edit,

and mix our own original music. How do you make a musical thought and turn it into a song? Use instruments in class to enhance your sound. Play in groups and individually. Take home your own recorded song on a CD at the end of the class. Use Apple's GarageBand recording software. Everyone welcome – non-musicians as well as students with some experience.

Instructor: Beth Dill

*** Legends, Castles and Mythology**

Grades: 3-6

Live through some of the liveliest legends and myths, as we explore truths and exaggerations over time. Are there connections between the Epic of Gilgamesh and King Arthur? What if the

Greek and Roman gods and goddesses went head to head in battle? Does the story of the flood from ancient Sumeria remind you of anyone else from ancient times? Are the activities of the Egyptian gods similar to those of the famous Greeks and Romans? Write your way through history as you attempt cuneiform, hieroglyphs and calligraphy in copperplate style. A 'gastronomic event' brings these cultures and stories together as we feast for fun!

Instructor: Art Koenig



* **When a President Jumps Into the Frying Pan**

Grades: 4-5

After a presidential election that set records on fire, President-elect Obama has his work cut out for him. With an economy in crisis and two wars at hand, America hasn't faced as many challenges in a century. To meet these challenges,

President Obama must persuade Congress to pass new laws and create new programs. In this class, you are the Congress. This is the class for those who love to strategize, negotiate, debate and wield power over the fate of a nation.

Instructor: Tom Knecht

* **Civil War Strategy and Battle Tactics**

Grades: 6-8

Apply your own strategies to and create appropriate tactics for some of the key battles of the American Civil War. Do you agree with the battle strategy of Union Major General Meade or Confederate General Lee, as they fought the Battle of Gettysburg? Pinpoint battle sights and follow the real-life tactics by the generals involved at Vicksburg, Antietam, Bull Run, and other battle grounds. Consider weaponry and ammunition as we count the staggering losses in human life during this war. If you create your own strategy game, how important would topography and troop numbers be? We'll get into the 'trenches' of Gettysburg, Vicksburg, Antietam, Bull Run, the Penninsular campaign, and the Wilderness.

Instructor: John Clark

* **Fiber Art**

Grades: 6-8

Put fabric, fashion and feeling into every fiber project you create! You've done paper maché in school, but we'll go several steps further as we design a paper maché mask with beads, fabric and metallic pieces. Create an original design to transfer (by ironing) to a T-shirt using fabric crayons. The trick will be in mapping out the mirror image. Fashion an iron-on quilt collage using fabric scraps to tell a story. Explore color, texture, design elements, and especially your originality!

Instructor: Chandria Howard

* **Indicates a New Offering**

* **Mathemagical Maneuvers**

Grades: 6-8

Find fun in figures as we put the magic in math! No fibbin' – Fibonacci numbers and phi ratio will freak you out! Do you throw Buckminster Fuller's Bucky Balls at geodesic domes or do they have a mathematical point? If you start with one octahedron and add one icosahedron. . . well, they don't add up, but they overwhelm in origami. How different is a fractal from a Platonic solid? Meet, manipulate and master all of these and more, including tessellations and snowflakes, in hands-on action, as we make mathemagic

Instructors: Kathleen Gardner & Melody Frese

**Off Campus Class
Moving & Shaking – An
Introduction to Engineering**

Grades: 6-8

Are engineers movers and shakers? Work alongside real professors in their scientific laboratories and learn basic engineering principles: everything from roving robots to satellite design to neural tissue engineering! Class meets each week on the campus of Washington University in Jolley Hall. (Class size limited to 10, with priority registration for girls before January 23, 2009.)

Instructors: Ruth Okamoto & Shelly Sakiyama-Elbert



11:10 - 12:40

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Ages: 3-4

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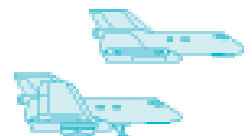
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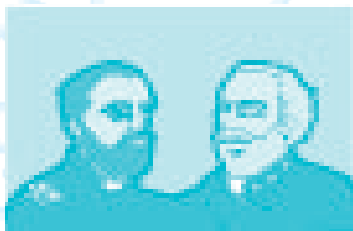
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Harry Potter: Full Circle

Grades: 3-6

If you read book seven and are ready to dissaparate to the time before the first book and start over, join us to relive the adventure of the “Boy that Lived.” From

★ **Indicates a New Offering**

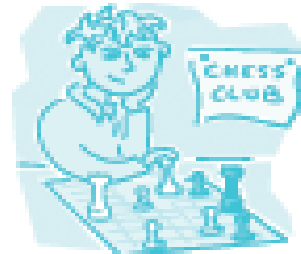
accio (a summoning charm) to Zonko's (the joke shop), from *Animagus* to the *Whomping Willow*, we'll eat the foods, play the games and debate the characters that make up Harry's world. Keep us spellbound by your expertise in book trivia games. If your interests lie in the battle between good and evil, the mythological connections to the Wizarding world, or even literary trivia, this the Learning Lab class for you!
Instructor: Art Koenig

Checkmate!

Grades: 5-8

See 9:30 – 11:00 class description

Instructor: Stephen E. Randall



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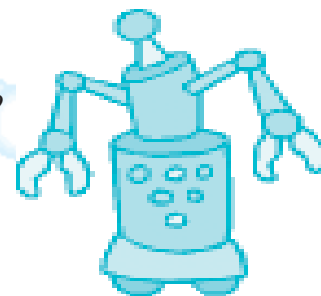
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11:10 - 12:40 continued

For Adults Only
11:10 - 12:40

Parenting and the Gifted Child

Adults

Four sessions will focus on the special needs and development of the gifted child. Open discussion is encouraged.

February 14 – “*The Twice Exceptional Child*” with Dr. Agnes Meyo

February 21 – “*What Gifted Kids Want their Parents to Know*” with Dr. Carolyn R. Cooper

February 28 – “*Coping with Worries and Fears of the ‘Real World’*” with John Yunker

March 7 – “*Improving Communication: Parent, Teacher and School*” with Nancy Bonn-Winkler

Fee: \$20.00 per class; Series: \$80/individual or \$100/couple.

Free to GRC members.



Executive Director s Susan C. Flesch
ACC Coordinator s Tricia L. Brown
Administrative Assistant s JoAnn Hetisimer

Instructors

Betty Arendes, M.A., University of Missouri-St. Louis,
Early Childhood Educator

Nancy Bonn-Winkler, M.Ed., University of Missouri-
St. Louis, Counselor of Gifted, Rockwood School
District

John Clark, M.A.T., Lindenwood University, Advanced
Placement American History Teacher, Riverview
Gardens School District

Carolyn R. Cooper, Ph.D., University of Connecticut,
Former Director of Gifted Programs

Beth Dill, B.A., Webster University, GRC’s Resident
Recording Artist

Kathie Eckelkamp, M.A.T., Webster University,
Kindergarten Teacher, Hazelwood School District

Melody Frese, M.A.T., Webster University, Apogee
Teacher, Ladue School District

Kathleen Gardner, M.A.T., Webster University, Apogee
Teacher, Ladue Middle School

Shalawn Grabner, M.A., Washington University,
Elementary and Preschool Teacher

Kathleen Greenwald, B.S., University of Missouri-
St. Louis, Educator, Private Tutor for Gifted Children

Barbara Grzenczyk, B.S., Biochemistry, Facilities
Manager, ISTO Technologies

Dennis Grzenczyk, M.A., Oakland University, Science
Specialist

Chandria Howard, M.A., Washington University, Designs
Published on Cover of Modern Brides Magazine

Tom Knecht, B.A., Political Science, Purdue University,
J.D., Washington University, Nationally Ranked Debater

Art Koenig, A.M., German Literature, Washington
University, Foreign Language Instructor, Dewey
International Studies

Abby Lombardo, B.S., Missouri State University,
Elementary Teacher, City of St. Charles School District

Agnes Meyo, Psy.D., Clinical Psychologist

Ruth Okamoto, D.Sc., Washington University, Senior
Lecturer, Department of Mechanical, Aerospace and
Structural Engineering, Washington University

Stephen E. Randoll, Rated USCF National Expert,
President, St. Louis Chess Foundation

Phyllis Richter, M.S., Southern Illinois University at
Edwardsville, Retired Teacher of Gifted, Mehlville
School District

Shelly Sakiyama-Elbert, Ph.D., Cal Tech, Assistant
Professor, Department of Biomedical Engineering,
Washington University

Denice Smith, M.A., Southwest Baptist University,
Teacher of Gifted, Hazelwood School District

Mike Szwabo, Gems and Fossils Expert

John Yunker, Licensed Psychologist, Private Practice

Learning Lab Registration - Winter 2009

Child's Name _____ Age _____ Birthdate _____ Sex _____
 Parent(s) Name(s) _____
 Address _____
 City _____ State _____ Zip _____
 Phones: Home _____ Mom's work _____ Employer & Occupation _____
 (please provide area codes) Dad's work _____ Employer & Occupation _____
 Cell Phone _____ Email Address _____
 School _____ Grade _____ District _____
 IN EMERGENCY, CALL _____ Relationship _____ Phone _____
 Physician & Phone _____
 Allergies & physical limitations _____

COURSE TITLE	TIME	TUITION	ALTERNATE COURSE and TITLE if first choice is unavailable
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____

TUITION: Each six-week course is \$95.00. No refunds after February 7, 2009. Members' priority registration privilege good until January 9, 2009. All others taken on a first come, first served basis.

NOTE: You will be notified ONLY if the class for which you have registered is filled or cancelled. Tuition can be refunded only if the class is filled or cancelled when your registration is received.

_____ I am willing to volunteer on Saturdays while my child is in class.

Are you a current member of GRC? _____

Have you attended our programs previously? _____

How did you learn about GRC? _____

Total Tuition:
 1st class _____
 2nd class _____
 Special fees _____
Total Enclosed: \$ _____

Please make check payable to:
 Gifted Resource Council
 357 Marshall Ave., Suite 6
 St. Louis, MO 63119-1827



Become a Member of GRC

Now you can participate in shaping America's future by becoming a member of Gifted Resource Council, a not-for-profit education agency serving bright and talented young people. Your tax-deductible contribution will enable us to improve existing programs, extend offerings and reach more children. Your membership will not only benefit gifted children, but also entitle you to receive the following:

- | | |
|---|--|
| <p>Gifted Member: \$60</p> <ul style="list-style-type: none"> ★ Priority registration for all programs ★ FREE parenting classes (\$160 value) ★ Use of GRC Library <p>Intelligent Friend: \$100</p> <ul style="list-style-type: none"> ★ All of the above, plus ★ \$10 discount off two Learning Lab registrations <p>Sharp Sponsor: \$150</p> <ul style="list-style-type: none"> ★ All of the above, plus ★ \$25 discount off a Summer Academy <p>Talented Patron: \$250</p> <ul style="list-style-type: none"> ★ All of the above, plus ★ Additional \$25 discount off a Summer Academy (\$50 total) | <p>Brilliant Benefactor: \$500</p> <ul style="list-style-type: none"> ★ All of the above, plus ★ One FREE Learning Lab course or ★ Learning Lab scholarship in your name at your request <p>Wise Philanthropist: \$1,000</p> <ul style="list-style-type: none"> ★ All of the above, plus ★ GRC logo lapel pin ★ The undying gratitude of gifted children throughout the metropolitan area <p>IMAGINATIVE INSTITUTION: \$100</p> <ul style="list-style-type: none"> ★ For schools and other not-for-profits |
|---|--|

Gifted Member Intelligent Friend Sharp Sponsor Talented Patron Brilliant Benefactor Wise Philanthropist Imaginative Institution

Name (as you wish your membership to be listed) _____
 Address _____
 City _____ State _____ Zip _____ Phone _____

I am also interested in helping as a volunteer. Please contact me.

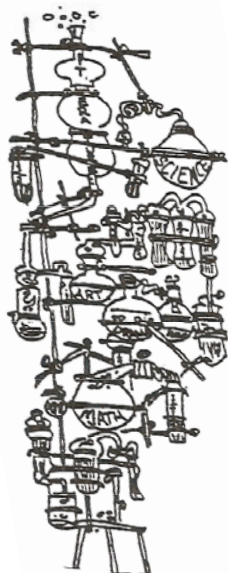
Please mail check to: Gifted Resource Council, 357 Marshall Ave., Suite 6, St. Louis, MO 63119-1827



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 St. Louis MO 63119-1827
www.giftedresourcecouncil.org

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 St. Louis, MO
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*Classes
 and More!*



Or Current Resident

Learning Lab Winter 2009

Back by Popular Demand! Calling Middle School Girls!

Two Scholarships Available for Moving & Shaking – An Introduction to Engineering (Grades 6-8)

Join the movers and shakers in engineering! Read inside about this popular class held at Washington University engineering labs in Jolley Hall. Priority registration for girls before January 23, 2009.

Again this year: Two girls (grades 6-8) each can win a full scholarship for this class. Write a short essay (one page or less) explaining why you would be interested in learning more about engineering and why you should receive a scholarship. Essay deadline: January 23, 2009; send it to the GRC office.

For a Really Fantastic, Good Time - Try GRC's Summer Academies '09!

June 15-26	Math, Marvels & More (Grades K-2) ECO Academy: Combining ECONomics and ECOlogy (Grades 3-8)
June 29-July 10 and July 13-24	Ancient Academy: Ancient Egypt (Grades 3-8) Jr. Science Searchers (Kindergarten) Space Academy (Grades 1-8)
July 13-24 ONLY	Academy Americana: Trails West (Grades 1-4)

Join us at Barbara C. Jordan School, 1500 N. 82nd Blvd., University City 9:00 a.m. - 3:30 p.m., Monday-Friday; extended care available

Attend two, four or six weeks! Look for GRC's Summer Academies brochure in the mail during February.

For more information, access the GRC Web site:
www.giftedresourcecouncil.org