



# GiftedResourceCouncil Summer Academies 2012

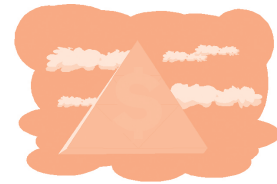
## For topics into which your children can delve - Join us for GRC's Summer Academies 2012!

New themes, new activities every year! Try one! Try two. . . Make it three sessions, and give your child the chance to have a blast of a summer, the fun of gifted peers and the challenges that they talk about for years!

June 18-29  
(See page 2)

*Math, Marvels & More! (Grades K-2)*  
**Liquid States, Number Traits & Creative Greats**

*ECO Academy (Grades 3-8)*  
**ECO-nomics + ECO-logy**



July 2-13  
(See page 3)

*Jr. Science Searchers (Completing Kindergarten)*  
**From Outer Space to Ocean Depths**



*Ancient Academy (Grades 3-8)*  
**Ancient Rome: Design, Dining & Drama**

*GRC's Space Academy (Grades 1-5)*  
**Comets: Adventure & Exploration**

*GRC's Advanced Space Academy (Grades 6-8)*  
**On the Tail of a Comet**

July 16-27  
(See page 4)

*Jr. Science Searchers (Completing Kindergarten)*  
**From Dinosaurs to Tropical Rainforests**



*Ancient Academy (Grades 3-8)*  
**Ancient Rome: Heroes, Gods & Emperors**

*GRC's Space Academy (Grades 1-5)*  
**Mars: Seeing Red**

*GRC's Advanced Space Academy (Grades 6-8)*  
**Mars: Mission into the Future**

*Academy Americana (Grades 1-3)*  
**Pack Your Wagon for the Trail West!**

**For additional information on all academies, call 314-962-5920.**



500 DeBaliviere Ave.  
St. Louis, MO 63112

9:00 a.m.-3:30 p.m. \*Monday-Friday\*  
Before & after care available at additional cost.

## June 18-29

Math, Marvels & More! (Completing Grades K-2)

**Totally new themes and adventures each year!**

### Liquid States, Number Traits & Creative Greats

What can creep up the side of a glass, create its own drops, rise above the rim of a glass without spilling, and expand as it freezes? Water! Can we make it snow in the summertime?

Fossilize raindrops? Create a chemical reaction with water? The scientific words we'll use – chromatography, surface tension skippers – all measure up to FUN! Go 'under water' to design a sea-scape city of 3-D art! Hide your sea monsters in collage projects of your own making. Will you float through your dramatic production like a sea serpent or develop your sea legs? Can you count without numbers or calculate without place value? Have you ever interpreted a Peruvian quipu or added in Babylonian? Math didn't just happen! Match wits with the ancients as we explore number systems from all corners of the globe. All the while, looking for the answer to the ultimate life question: How do you get inside a bubble?

JUNE						
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



ECO Academy (Completing Grades 3-8)

### ECO-nomics + ECO-logy

Do you like to make money? Do you want to run a business? Tap your own environmental energy and power a world of (business) change. Apply economic models – supply and demand or the Keynesian model? – and put your business in the lead. Find the “eco” in technology and identify different ways to use and re-use it. Debate ecological issues while you're dabbling in stocks. Design an environmentally friendly product that will bring in money and minimize your carbon footprint. Take your business from financial planning to marketing to production and sales. Scientific inquiry, advertising art, decision-making skills, financial and mathematical interests – all in a day's work for the ECO in YOU!

### Physical Training

An integral part of each Summer Academy experience, our physical training (PT) is no ordinary play time. Activities are directly linked to each Summer Academy. For example, in Math, Marvels and More, enjoy scooterboard math games and cooperative math aerobics. Space cadets will use teamwork in their cooperative games as they prepare for space travel. No matter the era or interest, PT always spells F-U-N!



### HOW TO APPLY

1. Complete application form.
2. Give Teacher Evaluation Form (with stamped envelope addressed to GRC) to the teacher who knows you best.
3. Submit a copy of your most recent standardized test scores (Iowa, CAT, Metropolitan Readiness, WISC, etc.).
4. Send deposit check for \$100 for each session payable to Gifted Resource Council. (Deposit is refundable only if student is not accepted; no refunds after June 1).
5. Tuition balance (\$330) is due upon acceptance or by special arrangement.

Please mail to:

Gifted Resource Council  
357 Marshall Avenue, Suite 6  
St. Louis, MO 63119

### TIME

All programs are full day, 9:00 a.m. – 3:30 p.m.  
'Before' care is available 7:30 – 9:00 a.m.;  
\$75 per session  
'After' care is available 3:30 – 5:30 p.m.;  
\$100 per session

### PLACE

Crossroads College Preparatory School  
500 DeBaliviere Ave.  
St. Louis, MO 63112

### COST

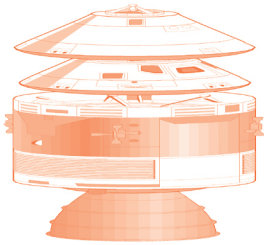
\$430 per 2-week session

## July 2-13

JULY						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

### Jr. Science Searchers (Completing Kindergarten)

#### From Outer Space to Ocean Depths



Explore the reaches of outer space as we contemplate the sun, moon, planets and stars. Develop the surface of the moon as we learn about its seas, volcanoes and Apollo landings, and build your own miniature ‘moon rover.’ How far can you jump on the moon? Harness the energy of the sun in your solar oven to roast toasty marshmallows. Next, plunge into the mysteries of the ocean. Meet and study its animals, large and small, friendly and dangerous. Learn how the bodies of sharks are both similar and different from ours using a synthetic shark. Visit fictitious ‘Polluterville’ and see how you can help protect the coral reefs and ocean life; create a newsletter to report your findings.

### Ancient Academy (Completing Grades 3-8)

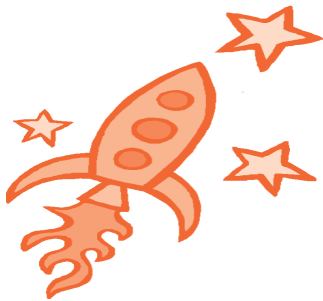
#### Ancient Rome: Design, Dining & Drama

Does ‘all things Roman’ catch your imagination? Fulfill your fancy this year! Explore the incredible detail of Roman architecture: How were the aqueducts constructed? What is the architectural significance of the Pantheon? Visit a modern-day restaurant with ancient Roman inspiration. Which war was documented in Trajan’s Column? Create your own Roman persona, from centurion to noblewoman. But remember that your friends are only there to exchange favors; friendship in ancient Rome was based on mutual serviceability! Try out a Roman play by Plautus, with its riddles and plays on words. Can you sing “Row, Row, Row Your Boat” in Latin?



### GRC’s Space Academy (Completing Grades 1-5)

#### Comets: Adventure & Exploration



Grab a comet by the tail and investigate the outer limits of the solar system! First, prep for our adventure: Build a probe to examine the scientific makeup of a comet’s tail. Comets are cool – literally! How do we determine the temperature of a comet? Ready for travel? Journey through the asteroid belt near Mars. Visit the moons of Jupiter and study their unique geology using your robotic rover. Learn about volcanoes on Io and compare them with volcanic activity on Earth. Build your own rocket and use it as a diversionary tactic for possible extraterrestrial life forms you ‘encounter.’

### GRC’s Advanced Space Academy (Completing Grades 6-8)

#### On the Tail of a Comet

Make your own fantastic journey – and meet up with a comet! We’ll go ‘deep space’ and examine the origin, makeup and orbiting characteristics by creating our own comet. Can we ‘reach’ the Oort Cloud to find the source? Design a robotic probe to ‘rendezvous’ with a comet. Watch for floating dust particles from solid rocket motors or paint flakes! Develop spacecraft to protect the space station against space debris. We’ll go into training for our Challenger Center mission: Consider weightlessness, hygiene, food and more! Design and create a model rocket and then navigate it close enough to launch a probe into the tail of a comet! (GRC’s Advanced Space Academy cadets will participate in the Challenger Center’s “Rendezvous with a Comet” mission.)

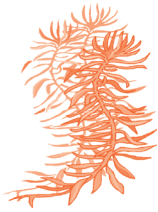


## July 16-27

JULY						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

### Jr. Science Searchers (Completing Kindergarten)

#### From Dinosaurs to Tropical Rainforests



Take a trip back to the time of the dinosaurs. Learn about carnivores, herbivores and omnivores. Investigate fossils, ponder the continental drift and uncover the lives of the dinosaurs! Don your paleontologist hat for fun and adventure! Attempt to solve the “mystery of Sue.” Then experience a kaleidoscope of sights, sounds and smells as you explore the layers of the tropical rainforest. Listen closely to the sounds of the monkeys, bats and frogs. What spices would you find? Discover the beauty of bromeliads and pitcher plants, and eat a rainforest feast!

### Ancient Academy (Completing Grades 3-8)

#### Ancient Rome: Heroes, Gods & Emperors

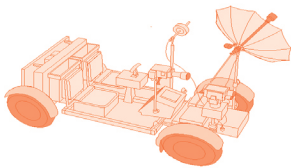
Political upheaval and senate filibusters. Life in the USA? Or, ‘everyday life’ in ancient Rome! Role play life as a patrician, plebeian or Roman slave, and explore the mythology, writing and public speaking accomplishments of this great culture. What was the strategy of Julius Caesar when surrounded by the Gaelic army at Alesia? How did Romans embellish their buildings with mosaics? Visit one of the largest collections of mosaics in the world, and then create a mosaic of your own. We’ll feast at a festival for Fortuna, goddess of chance and fortune; what type of luck will the goddess favor you with (fickle, fair or foul)?



### GRC’s Space Academy (Completing Grades 1-5)

#### Mars: Seeing Red

Do you know what you are seeing when you see red on Mars? Was there ever life on Mars? Will *Curiosity*’s science laboratory successfully analyze the red soil of the Martian environment? Our own ‘travel’ to Mars could take many months. What about physical activity? How do you exercise in space? Start your own food supply; how do you grow food in space? Build and launch your own rocket, and use robotics like NASA’s rovers to ‘discover’ signs of life on Mars. Meteorology, geology and engineering all add up to fun!



### GRC’s Advanced Space Academy (Completing Grades 6-8)

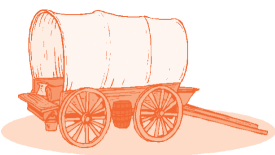
#### Mars: Mission into the Future

Will you be on the first crew to visit the red planet? Prep for your mission (at the Challenger Center) just like an astronaut. Learn to rely on your crewmates and the people in mission control. Curious about *Curiosity*? Explore the techniques NASA’s rover will use to search for signs of life on Mars. Then build a robot like *Curiosity*. Design and build your own rocket. Find a landing site for probe missions, and study engineering and geological phenomena while ‘at’ the International Space Station. (GRC’s Advanced Space Academy cadets will participate in the Challenger Center’s “Voyage to Mars” mission.)

### Academy Americana (Completing Grades 1-3)

#### Pack Your Wagon for the Trail West!

Grab your gear, whittle down your stock, and get ready: We’re heading west! What would you need to take to move across country in the mid-1800s? Use an authentic packing list from a real wagon train, and pack your own ‘Conestoga wagon.’ Explore the diaries of pioneer girls like Kirsten or Laura Ingalls, and learn the hard realities of pioneer living: making all your food and clothing, helping with the branding, living on the trail. What can Sacagawea teach you about orienteering? How much gold will you find in the Gold Rush? From makin’ quilts to makin’ butter, from trailblazing to homesteading. . . Westward ho!



## ABOUT OUR TEACHERS

**Beverly Berla**, M.A., Gifted Resource Teacher, Ladue School District, former Executive Director of Gifted Resource Council, fourteenth year as Ancient Academy Instructor.

**Nancy Brennan**, B.S., Gifted Specialist, Pattonville School District, thirteenth year as Math, Marvels & More Instructor.

**Kathleen Greenwald**, B.S., Private Tutor, eleventh year as Jr. Science Searchers Instructor.

**Rick Hasler**, M.A., Gifted and Talented Coordinator, Imagine Schools, second year as Ancient Academy Instructor.

**Carol Haukap**, B.S., Middle School Teacher, fifth year as ECO Academy Instructor.

**Lisa Hummel**, M.A., Middle and High School Science Teacher, eighth year as Space Academy Instructor.

**Susan Jesse**, M.Ed., Gifted Education Teacher, Mehlville School District, eighth year as Space Academy Instructor.

**Art Koenig**, A.M., GRC's "Renaissance Man", fourteenth year as Ancient Academy Instructor.

**Rob Lamb**, B.S., High School Science Teacher, Pattonville School District, first year as Advanced Space Academy Instructor.

**Abby Leeper**, M.A., Elementary Teacher, City of St. Charles School District, first year as Jr. Science Searchers Instructor.

**Steve Marsden**, M.S., Elementary Teacher, Ferguson-Florissant School District, second year as Space Academy Instructor.

**Lyndlee Mabry**, M.A.T., Teacher of Gifted Education, School District of University City, second year as ECO Academy Instructor.

**Mike Moore**, M.S., Health and Physical Education Teacher, Kirkwood School District, twenty-third year as P.T. Instructor.

**Kathleen Murphy**, M.Ed., Science Teacher, Ladue School District, fifteenth year as Space Academy Instructor; fourth year as Math, Marvels & More Instructor.

**Hameeda Qadafi**, M.A., Teacher of Gifted Education, School District of University City, thirteenth year as Math, Marvels & More Instructor.

**Susan Schneider**, M.A., Teacher of the Gifted, Hazelwood School District, eighth year as Academy Americana Instructor.

**Barb Wnek**, M.Ed., Physical Education Teacher, Ferguson-Florissant School District, twenty-sixth year as P.T. Instructor.

**Carrie Ziolkowski**, M.A., Teacher of the Gifted, Hazelwood School District, seventh year as Academy Americana Instructor.

Executive Director: **Susan C. Flesch**  
Administrative Assistant: **JoAnn Hetisimer**

### OTHER DETAILS

**Extra T-shirt:** \$10 (one is included with tuition)

**Lunch:** Please provide a brown bag lunch and drink each day. Refrigeration will not be available.

**Transportation:** Carpooling is encouraged. ZIP code listings will be made available. Please call 314-962-5920.

**Late Fee: \$15**

(for registration after June 1)

### FINANCIAL ASSISTANCE

Full or partial grants offered, based on need. Priority given to students completing grades 3 – 8.

### MERIT SCHOLARSHIP OPPORTUNITY

*Are you a top student in grades 6 – 8? Have you shown a strong interest in science? Are you applying for Advanced Space Academy?*

Then you are a great candidate to receive the **Linda McCall Merit Scholarship!** We invite all those who have demonstrated a commitment to learning science to apply for this outstanding opportunity. Earn a full scholarship to GRC's Advanced Space Academy.

This merit scholarship is offered annually by the Gifted Resource Council Board of Directors.

Call the GRC office at 314-962-5920 to request an application or download one from the GRC Web site: [giftedresourcecouncil.org](http://giftedresourcecouncil.org)

All applications must be received by **May 15, 2012**.



# TEACHER EVALUATION FORM

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

Academy: \_\_\_\_\_ Ancient Academy      \_\_\_\_\_ Jr. Science Searchers      \_\_\_\_\_ Math, Marvels & More  
 \_\_\_\_\_ ECO Academy      \_\_\_\_\_ Space Academy      \_\_\_\_\_ Advanced Space Academy  
 \_\_\_\_\_ Academy Americana

*Dear Teacher,*  
 We are asking for a few moments of your time to help us evaluate the above-named student as a candidate for our summer program for bright and talented students. As an education professional who works closely with this student, you are in the best position to provide the kind of information that we need to ensure a positive experience for our students. Please fill out the rating scale and return it to us as quickly as possible. Applicants cannot be considered for admission until your evaluation is received. If you have any questions regarding any Gifted Resource Council program or the completion of this form, please call us at **314-962-5920**.

**Please send the completed form to:**  
**Gifted Resource Council**  
**357 Marshall Avenue, Suite 6**  
**St. Louis, MO 63119**

School \_\_\_\_\_ District \_\_\_\_\_  
 Teacher \_\_\_\_\_ Phone (\_\_\_\_\_) \_\_\_\_\_  
 Capacity in which you work with this child \_\_\_\_\_

*Thank you very much for your time and cooperation!*

Rate from 1 (low) to 5 (high)	1	2	3	4	5
Has unusually advanced vocabulary for age or grade level					
Has quick mastery and recall of factual information					
Has a rapid insight into cause-effect relationship; tries to discover the how and why of things					
Is a keen and alert observer; usually sees more and gets more out of a story, film, etc. than others					
Becomes absorbed and truly involved in certain topics or problems; is persistent in seeking task completion (is sometimes difficult to get him/her moving on to another topic)					
Is comfortable working with minimal direction from teachers					
Is quite concerned with right and wrong, good and bad; often evaluates and passes judgment on events, people and things					
Displays a great deal of curiosity about many things; is constantly asking questions about anything and everything					
Generates a large number of ideas or solutions to problems and questions; often offers unusual ("way out"), unique, clever responses					
Displays a keen sense of humor and sees humor in situations that may not appear to be humorous to others					

Please rank this child academically in your class. \_\_\_\_\_  
 Please rank this child behaviorally in your class. \_\_\_\_\_

Is there anything else you would like us to know about this child? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



## SUMMER 2012 APPLICATION

All applications are processed on a first-come, first-served, space-available basis.

Please indicate which sessions and programs your child wishes to attend.

### June 18-29

\_\_\_\_ Math, Marvels & More  
\_\_\_\_ ECO Academy

### July 2-13

\_\_\_\_ Ancient Academy  
\_\_\_\_ Jr. Science Searchers  
\_\_\_\_ Space Academy  
\_\_\_\_ Advanced Space Academy

### July 16-27

\_\_\_\_ Ancient Academy  
\_\_\_\_ Jr. Science Searchers  
\_\_\_\_ Space Academy  
\_\_\_\_ Advanced Space Academy  
\_\_\_\_ Academy Americana

Name \_\_\_\_\_ Age \_\_\_\_\_ Birth Date \_\_\_\_\_ Sex \_\_\_\_\_  
Completing Grade \_\_\_\_\_ First time applicant \_\_\_\_\_ Returning student \_\_\_\_\_ Years(s) attended \_\_\_\_\_

Mother's Name \_\_\_\_\_ Address \_\_\_\_\_

**Please \* the address to which all correspondence should be sent. Please provide area codes.**

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone: Home (\_\_\_\_) \_\_\_\_\_  
Employer & Occupation \_\_\_\_\_ Work (\_\_\_\_) \_\_\_\_\_  
Email Address \_\_\_\_\_ Cell (\_\_\_\_) \_\_\_\_\_

Father's Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone: Home (\_\_\_\_) \_\_\_\_\_  
Employer & Occupation \_\_\_\_\_ Work (\_\_\_\_) \_\_\_\_\_  
Email Address \_\_\_\_\_ Cell (\_\_\_\_) \_\_\_\_\_

IF PARENT CANNOT BE REACHED, CALL:

\_\_\_\_ Relationship \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_

Allergies or physical limitations \_\_\_\_\_

Other problems of which we should be aware? \_\_\_\_\_

Physician \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_

School and District \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_

How did you learn about GRC's Summer Academies? \_\_\_\_\_

Yes, I'd like to help a scholarship student attend a Gifted Resource Council Summer Academy.

I have enclosed \$ \_\_\_\_\_. Please add my name \_\_\_\_\_ to the growing list of donors.

**Total tuition is due upon acceptance or by special arrangement.**

**Total tuition:**

**\$430 per 2-week session**

**Fees due with application:**

\$100 deposit per session

**Do you need extended day care?**

Mornings (\$75)

Afternoons (\$100)

T-shirt size:

Child:  10-12  14-16

Adult:  S  M  L  XL

One shirt is included with tuition.

Additional shirts are \$10 per shirt.

(Shirts run a little small.)

**Fees Enclosed:**

Deposit \_\_\_\_\_

Tuition Balance \_\_\_\_\_

Extended Day Care \_\_\_\_\_

Extra T-shirt \_\_\_\_\_

Membership \_\_\_\_\_

(optional)

Scholarship donation \_\_\_\_\_

(optional)

*Did you include test scores?*

**Please make check payable to:**

Gifted Resource Council

357 Marshall Avenue, Suite 6

St. Louis, MO 63119

**Questions?  
Call 314-962-5920**

## BECOME A MEMBER OF GIFTED RESOURCE COUNCIL

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:

**Gifted Member: \$60**

- \* Priority registration for all programs
- \* FREE parenting classes (\$160 value)
- \* Use of GRC Library

**Brilliant Benefactor: \$500**

- \* All of the above, plus
- \* One FREE Learning Lab course or
- \* Learning Lab scholarship in your name at your request

**Intelligent Friend: \$100**

- \* All of the above, plus
- \* \$10 discount off two Learning Lab registrations

**Wise Philanthropist: \$1,000**

- \* All of the above, plus
- \* GRC logo lapel pin
- \* The undying gratitude of gifted children throughout the metropolitan area

**Sharp Sponsor: \$150**

- \* All of the above, plus
- \* \$25 discount off a Summer Academy

**IMAGINATIVE INSTITUTION: \$100**

- \* For schools and other not-for-profits

**Talented Patron: \$250**

- \* All of the above, plus
- \* Additional \$25 discount off a Summer Academy (\$50 total)

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 (\_\_\_\_) \_\_\_\_\_

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



357 Marshall Avenue, Suite 6  
St. Louis, MO 63119  
www.giftedresourcecouncil.org

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Non profit org.  
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Permit 4757

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Why GRC?  
Involved Teachers  
Engaging Curriculum  
Inquisitive Friends  
FUN!

## Summer 2012 Academies

# GiftedResourceCouncil

Application Enclosed

### What do parents ask about GRC's Summer Academies?

**Question:** Does my child have to be in the gifted program at school to be able to attend GRC?

**Answer:** Definitely not! All bright and talented students enjoy our programs. Teacher recommendations and school test scores (not necessarily IQ results) ensure that students will thrive in our fast-paced environment.

**Question:** Is the program all work and no play?

**Answer:** NO! GRC is known for engaging children in "hands-on" activities and encouraging friendships. Physical activities that encourage teamwork and cooperation are a FUN part of every child's day – every day!

**Question:** My children attended the same Summer Academy last year. What else can they do?

**Answer:** Even if your children enjoyed a specific GRC Summer Academies program last year, they will definitely enjoy it again this summer. We vary the topics and activities each summer as well as for each session! And, of course, there are choices of different academies too.

**Question:** Do you offer Extended Day Care?

**Answer:** Absolutely! Before Care is 7:30 – 9:00 a.m.  
After Care is 3:30 – 5:30 p.m.

