

Rockford College Learning Center (RCLC)

Starr Science Bldg. 108B, 5050 E. State Street, Rockford, IL 61108 | www.rockford.edu | 815.226.4087

The RCLC program's goal is to assist our students to improve their academic skills while building their self-confidence.



Academic programs for Fall 2010, and Winter, Spring and Summer 2011

Academic programs (except ACT Preparation) require diagnostic testing for all new students to determine curriculum and placement. Testing fees are: \$60 for reading, \$60 for math, \$40 for LEAP, and \$160 for learning disabilities. For more information or to schedule a test appointment, call 815.226.4087 or fax 815.394.3722.

Session dates

(Fall, winter and spring classes meet once a week. Summer classes meet Mon.–Thurs. for three weeks or twice a week for six weeks.)

Fall: Sept. 18–Dec. 11, 2010

Winter: Jan. 8–March 26, 2011

Spring: April 16–May 21, 2011

Summer I: June 20–July 8, 2011

Summer II: July 18–Aug. 4, 2011

RCLC holiday schedule

Thanksgiving: Nov. 25–28, 2010

Winter break: Dec. 22, 2010–Jan. 3, 2011

MLK birthday: Jan. 17, 2011

Spring break: April 22–24, 2011

Memorial Day: May 30, 2011

L.E.A.P., ages 4–6. An early reading class that provides for each child's individual needs. Emphasis is placed on the alphabet, phonics, sight words, rhyming, basic reading skill, and literature-based activities. Classes are presented in a fun and positive atmosphere. *Class size–6. Sessions–12 (1 hour). Cost–\$180.*

Reading Challengers, grades 2–6. Improving reading skills can be fun! By focusing on phonics, word attack, vocabulary and comprehension, a solid reading base is formed in an effort to foster a love of reading. *Class size–6. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Power Readers, grades 7–8. Students will broaden vocabularies, learn effective reading strategies, increase comprehension, examine various learning strategies, adjust reading rate, and practice thinking and reasoning skills. *Class size–6. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

High School Reading, grades 9–12. Students develop effective reading strategies by focusing on word study, vocabulary expansion and improvement in comprehension. *Class size–8. Sessions–12 (1 hour & 30 min.). Cost–\$270.*

Advanced Middle School Reading, grades 7–9. This new offering provides advanced preparatory reading strategies that will equip students with skills for success in high school. Emphasis will include development of flexible reading rates, Greek/Latin root study, critical reasoning, analogical relationships, contextual reading and reading skills for test-taking. *Diagnostic testing is required. Class size–6. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Advanced Reading, grades 10–12. This course prepares the accelerated student for college-level reading by improving reading rate, enhancing critical reading skills, enriching vocabulary and improving comprehension. *Offered fall and winter sessions only. Class size–8. Sessions–12 (1 hour & 30 min.). Cost–\$270.*

Private Tutoring, ages 4–adult. Private tutoring is available on a limited basis in many areas including reading, math, geometry, academic tutoring and spelling. *Sessions–12 (1 hour). Cost–\$360.*

Power Math, grades 7–8. This provides an intensive review of basic math skills including fractions and decimals. The focus will be pre-algebra to prepare students for algebra and to combine basic skills with problem solving. *Class size–6. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Mighty Math I, grades 2–4. This class is for students who need a review of beginning addition and subtraction skills. Students review basic addition and subtraction facts, and practice problems without regrouping. Regrouping problems are introduced and practiced. A review of measurement, time and money concepts are also part of the curriculum for this course. *Class size–6. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Mighty Math II, grades 3–4. This class is for students who need a review of multiplication and division concepts presented in grades 3–4. A review of the basic multiplication and division facts, addition and subtraction problems with 2 and 3 digits, multiplication problems with 2 and 3 digits, short and long division. *Class size–6. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Mighty Math III, grades 5–6. This class reviews multiplication and division concepts presented in grades 5–6. Basic multiplication and division facts, multiplication problems with 2 and 3 digits, long division and operations with fractional numbers, and decimals are reviewed. *Class size–6. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

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(Academic programs continued)

Writing, grades 7–8, 9–12. Emphasis on techniques of writing will include vocabulary development, elaboration, organization, structure and grammar. Become a proficient writer with the help of this class. *Class size–6. Sessions–12 (1 hour & 15 min.). Offered summer sessions only. Cost–\$225.*

Prep. Algebra, grades 8–10. This course teaches algebraic concepts, and emphasizes word and situational problems while preparing for high school algebra. *Class size–8. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Algebra I, grades 8–10. Students are introduced to most of the topics that are presented in a first-semester algebra program. An emphasis is placed on integrating the skills of basic math with the new concepts of algebra. Emphasis is linear algebra. *Class size–8. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Algebra II, grades 9–12. This course is designed for students needing a review of first and second-semester algebra concepts. There will be a review of basic equations with polynomials, operations with rational numbers, the use of the quadratic equation and advanced operations with exponents. **Offered winter and summer sessions only.** *Class size–8. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

Introduction to Geometry, grades 10–12. This is an introduction to the concepts related to point, planes, planar and solid figures. Students are introduced to undefined terms, definitions and assumptions that lead to theorems. Through making geometric constructions, students learn many important ideas about the definitions essential to geometry. **Offered winter and summer sessions only.** *Class size–8. Sessions–12 (1 hour & 15 min.). Cost–\$225.*

ACT Preparation, grades 10–12. This course reviews English, math, science and reading in preparation for the ACT exam. Test-taking strategies which have demonstrated major improvements in scores are emphasized. **Offered fall and spring sessions only.** Meets Saturday, Monday and Wednesday. Textbook required. *Class size–10. Sessions–10. Cost–\$330.*

NEW for summer 2011. Program for academically gifted and talented students grades 7–12. Information coming soon on our website. See www.rockford.edu/?RCLC.

Learning Garden Summer Academic Camps

Students may take one–four classes that are \$50 each and meet daily. See class descriptions below. *Class size–6. These camps are for students at or above grade level—RCLC-approved test scores are required for enrollment. Good behavior and respect for others is an integral part of the learning experience. For Learning Garden to be meaningful and worthwhile for all students, proper behavior must be upheld. Any child who refuses to behave appropriately will be excused from this program without refund. If a student enrolls in a 10:30–noon class AND a 1–2:30 class, he or she will be supervised during lunch and should bring a sack lunch.*

June 13–17, 2011

Entering grades 1–2

9–10:30 a.m. Reading Stars
10:30 a.m.–noon. Math Minds
1–2:30 p.m. Fun with Poetry
2:30–4 p.m. Aspiring Authors

Entering grades 3–4

9–10:30 a.m. Math Minds
9–10:30 a.m. Titanic
10:30 a.m.–noon. Reading Stars
1–2:30 p.m. Aspiring Authors
2:30–4 p.m. Fun with Poetry

Entering grades 5–6

9–10:30 a.m. Castle Life
10:30 a.m.–noon. Aspiring Authors
10:30 a.m.–noon. Titanic
1–2:30 p.m. Reading Stars
2:30–4 p.m. Math Minds

Aug. 8–12, 2011

Entering grades 1–2

9–10:30 a.m. Reading Stars
10:30 a.m.–noon. Math Minds
1–2:30 p.m. Fun with Poetry
2:30–4 p.m. Aspiring Authors

Entering grades 3–4

9–10:30 a.m. Math Minds
9–10:30 a.m. Titanic
10:30 a.m.–noon. Reading Stars
10:30 a.m.–noon. Castle Life
1–2:30 p.m. Aspiring Authors
2:30–4 p.m. Fun with Poetry

Entering grades 5–6

9–10:30 a.m. Castle Life
10:30 a.m.–noon. Aspiring Authors
10:30 a.m.–noon. Titanic
1–2:30 p.m. Reading Stars
2:30–4 p.m. Math Minds

Aspiring Authors. Students are required to be achieving academically above grade level in the area of reading. Reading and writing skills are emphasized, helping gifted young people to be proficient writers finding excitement in the written word.

Castle Life. Integrate art with an introduction to medieval life. History comes alive through hands-on activities including castle construction, creating banners and preparing for our jousting tournament!

Fun with Poetry. Academically talented students will learn the fundamentals and genres of poetry while enjoying children's classic and contemporary verse.

Math Minds. This program is designed for mathematically-talented students to provide an academically challenging, but fun, math

experience. Students will become mathematical problem solvers, learn to reason mathematically, and become more confident in their own abilities.

Reading Stars. Critical thinking skills are emphasized for the academically talented student. Higher level reading skills are practiced. Students will discuss books they read, evaluate the meaning, analyze for detail, make inferences and synthesize information. Students will read to learn as they learn and practice a wide variety of skills.

Titanic. We will take part in a Titanic tea party in which we will act out the events of that night. We will do a book study and write a timeline as we write our play. We will have a great time as we bring history to life.

SUMMIT Discover Day Camp

July 11–15, 2011

Morning only: 9 a.m. to noon, \$100 | Afternoon only: 1 to 4 p.m., \$100 | Full day: 9 a.m. to 4 p.m., \$200
Registration begins April 19, 2011, at 8 a.m. | Class size limited to 10 | Call 815.226.4087 for information

SUMMIT is a summer day camp offering children going into grades 1–8 a week of activities that have been carefully designed to encourage learning in a stimulating and fun environment. SUMMIT meets on the beautiful Rockford College campus. Stimulate your child's curiosity and sharpen investigative talents at SUMMIT.

Morning-only campers should select one class from list A. Afternoon-only campers should select one class from list B. Full-day campers should select one class from list A and one class from list B. Class size is limited and students will be scheduled on a first-come, first-served basis. Full-day campers will need to bring a lunch and drink.

Good behavior and respect for others is an integral part of the learning experience. For SUMMIT to be meaningful and worthwhile for all campers, proper behavior must be upheld. Any child who refuses to behave appropriately will be excused from the camp without refund.

LIST A—Morning, 9 a.m. to noon

All That Glitters, entering grades 1–2. Spend a week creating dazzling, glittering creations by using different materials that shine and sparkle including creeping crystals, snowglobes, geodes filled with crystals, glittery fireworks, stars, planets, crystal gardens, ice cream and much more. You will have a blast!!

Butterflies, Bugs and Earthworms, entering grades 1–2. Journey into the world of bugs and earthworms. Take a walk through grassy areas as we catch butterflies and other creepy crawly critters! Prepare to get a little dirty while we hike into creeks to look at the bugs on the top of the water.

Mostly Magnets, entering grades 5–6. Get ready to resist gravity! Welcome to the exciting world of magnets. Magnets are found everywhere from computers to motors, but uses for magnets don't stop there. You will learn how a piece of wire, a nail and a battery can be transformed into an amazing device. Discover how to make a compass, how it works, and how you can trick it into pointing in the wrong direction. We will be making our own magnetic toys and games which will amuse and amaze your friends and family. This class will change the way you look at magnets!

LEGO™ Engineering/Taking Off, entering grades 1–2, 3–4. Enter the world of technology as we discover how simple machines function using LEGO pieces. Through hands-on guided discovery, students will have the opportunity to learn how machines function while applying their skills to “invent” new devices and work-saving implements. We will also discover through an interactive, hands-on experience, the aerodynamics of flight. Through the design and making of paper aircraft, students will have an opportunity to study the concepts of lift and thrust as their aircraft flies straight like a dart, returns to them like a boomerang or flies in loops. Through forced air, rockets and rocket balloons will soar as high as the trees. Students will see how chemical reactions can be used to power aircraft and spacecraft. Join this adventure into the world of “Taking Off.”

Trash to Treasure, entering grades 3–4. We will be using everything from old tiles, scratched CDs to bent silverware to make wind chimes, jewelry and other treasures. Join us as we turn junk into lasting keepsakes!

Wildlife Explorers/Cut-ups, entering grades 5–6, 7–8. We will spend extensive time outdoors searching for wildlife, using environmental science instruments, recording data and identifying animals and plants. Come prepared for extensive hiking in woodlands, walking in streambeds, and getting covered with mud. Continue to learn about wildlife as we learn safe, basic dissecting techniques using frogs, eyes, worms, grasshoppers, brains, hearts and crayfish. Catch the excitement of worm racing. Enjoy Mr. Grey's famous worm brownies as we learn about the wildlife around us.

Crime Lab Chemistry, entering grades 5–6. Assume the role of crime lab chemists. Determine which black pen was used to write a ransom note by using the technique of paper chromatography to separate the components of “clue” substances such as blood, ink or other mixtures found at the scene of the simulated crime. Join us for an exciting week!

SPLAT!, entering grades 7–8. This class provides an environment for students to push art materials to the limits! We will splatter, drip, pour, throw, draw, sculpt, print and paint to produce art by some traditional methods and some non-traditional. Creative thinking and problem solving WILL occur, and so will FUN!

Masks, entering grades 5–6. Explore masks from different cultures and create your own mask that reflects your artistic creativity and ideas. We will make an actual plaster-cast mask to paint and adorn.

LIST B—Afternoon, 1–4 p.m.

LEGO™ Engineering/ Taking Off, entering grades 1–2, 5–6. Enter the world of technology as we discover how simple machines function using LEGO pieces. Through hands-on guided discovery, students will have the opportunity to learn how machines function while applying their skills to “invent” new devices and work-saving implements. We will be studying and making devices such as model rockets, paper airplanes and kites. Weather permitting, we will launch what we make!

Creations, Creations & More Creations, entering grades 1–2. For the imaginative child who enjoys discovering new creations with different types of materials. Join us as we use our ingenuity to design and create original treasures.

Our Amazing World, entering grades 3–4. Come along with us as we discover the fantastic world of science in our own backyard. Explore a pond, view the inhabitants of the ecosystem under a microscope and discover nature's early warning system. We will also enter the marvelous world of frogs and turtles. Learn all about these fascinating creatures—their habits, how they live and how to care for pet frogs and turtles. Join us as we take a delightful journey in nature.

Kitchen Chemistry/Concoctions, entering grades 3–4. For the young chemist that enjoys hands-on experiments in a fun and safe environment while learning about mixtures, reactions and solutions. Everyday household items are used to make chalk, slime, FLOAM and much, much more in this activity-packed class.

Real Campers, entering grades 3–5. Learn to pitch a tent using only rope, blanket and your surroundings. We will make our own campsite by constructing a fire pit, pitch a commercial tent, purify water, cook over coals and eat our culinary delights! We will learn trail markings, identify trail tracks and learn what plants and animals to avoid. If you love the great outdoors, this is the place to be!

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The **Rockford College Learning Center** is a nonprofit, educational resource offering both remedial and enrichment programs for people age four through adult. Since 1952, the center has provided academic excellence to more than 30,000 people, helping them reach their learning potential by encouraging them to reach for higher goals while building self-esteem. Center faculty makes it all happen through expert training, dedication and sensitivity to student needs. More than 90 percent of our faculty has earned master's degrees in education—many of them at Rockford College. The average teaching experience of our faculty is 23 years, ensuring academic excellence.

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(SUMMIT Discover Day Camp continued)

Aquatic Adventures, entering grades 5–6. Explore streams, wetlands and ponds to discover the myriad of living things in them. Measure temperatures, look for animals and plants, study microscopic specimens, use a net to catch water animals, study stream currents and collect ecological life. There is much to discover under the surface of the water!

Global Adventures (World Cruisers), entering grades 5–6. Learn about other cultures from their arts, crafts, foods, language, games and music. Come along as we explore places such as Norway, Japan, Australia, Mexico and Sweden. Experience other places around the world from right here in Rockford, Illinois!

Mostly Magnets, entering grades 3–4. Get ready to resist gravity! Welcome to the exciting world of magnets. Magnets are found everywhere from computers to motors, but uses for magnets don't stop there. You will learn how a piece of wire, a nail and a battery can be transformed into an amazing device. Discover how to make a compass, how it works, and how you can trick it into pointing in the wrong direction. We will be making our own magnetic toys and games which will amuse and amaze your friends and family. This class will change the way you look at magnets!

Fossils, entering grades 7–8. Journey into our distant past through fossil records. Learn how to collect, identify and classify our discoveries. Dig through rocks to find your own fossils!

Masks, entering grades 3–4. Explore masks from different cultures and create your own mask that reflects your artistic creativity and ideas. We will make an actual plaster-cast mask to paint and adorn.

Think. Act. Change your world.

Small classes, quality education, ideal location and a commitment to civic engagement: **The opportunity to change your world begins at Rockford College.**

- More than 70 undergraduate majors, minors and concentrations
- Master's degrees in business and teaching
- Adult accelerated bachelor's degree completion in business
- Nonprofit leadership training
- English Language Institute
- Music education for all ages
- Tutoring and learning skills for all ages

Designated "Best in the Midwest" and a "College with a Conscience" by The Princeton Review.

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