



Our 30th Summer!!

KALEIDOSCOPE 2010

Creative Learning for Children ages 3-13

July 12 - July 30, 2010

Pike School, Andover, Massachusetts

Extended Day Option 2:30-5:00 P.M.
Late Care 5:00-6:00 P.M.

NEW COURSES INCLUDE:

- MARBLE MACHINE MADNESS
- CURSIVE AND CALLIGRAPHY
- MANNY MANNERS
- CONCERT TOUR
- KEYBOARD FUN
- OFF TO ITALY
- ROCK BAND
- YOGA FOR KIDS
- FABRIC FUN
- GATEWAY TO INDIA
- RECYCLED ART
- PARTY ETIQUETTE
- OFF-LOOM WEAVING
- SCRAPBOOKING
- IMPROV THEATER
- AMAZING RACES
- AMERICAN GIRLS
- INTERNATIONAL YOUNG CHEFS

OUR 21st YEAR **K I T E**

August 2 - 6

A Thinking Skills Institute for the High Ability
Learner (See Inside)

At Pike School for Grades K-8

Theme: *"Climb Every Mountain!"*

"Kaleidoscope has broadened our child's horizons so much that he is still talking about his class experiences and now inventing project ideas of his own. For a program to have that much of an impact on a child in just three weeks of exposure to creative learning is truly remarkable."
A 2009 Kaleidoscope Parent

www.kaleidoscopekids.com



Creative Learning for Children, Inc.
Kaleidoscope
Box 506
Andover, MA 01810

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KALEIDOSCOPE 2010

Definition: Kaleidoscope is a non-profit enrichment program that offers varied educational and cultural opportunities to children in the Merrimack Valley. For the thirtieth summer, Kaleidoscope offers one-week courses, where students are immersed in the subject(s) of their choice. The emphasis is on concrete learning in a creative setting. A highly qualified professional instructor teaches each group.

Director: Janis R. Baron

Classes: Classes meet from 9:00-11:30 A.M. or from 12:00-2:30 P.M. daily. Several courses run for the full day. See detailed schedule on next page. An alphabetical course listing follows the schedule.

Class Size: Average class is 12, with a maximum of 15.

Location: Pike School, Sunset Rock Rd., Andover, MA

Transportation: Parents' responsibility.

Tuition: \$155 for each one-week AM or PM course. A \$30 non-refundable registration fee per family (\$20 if only one child is enrolled for only one course) covers processing of each form. Additional fees are charged for several courses which involve extensive materials. This information is included with course description if applicable.

Eligibility: Students from all communities are welcome and encouraged to participate in Kaleidoscope courses. Last summer we enrolled 800 children from 40 different communities. The program is open to all children regardless of race, creed or ethnic origins.

Grade Level: Grade level requirements, listed with each course description, refer to the student's CURRENT GRADE at time of registration. Age refers to age as of June 1, 2010. Please observe these guidelines when registering. If special circumstances exist, please call the director.

Registration: Courses are filled on a first come-first

served basis by mail, fax or email. Please use the codes listed on the next page. Checks are made payable to KALEIDOSCOPE. All forms are mailed to KALEIDOSCOPE, Box 506, Andover, MA 01810 or faxed to (978) 475-1422. You are notified promptly by phone if course is filled. Otherwise, you will receive a confirmation postcard within a week, followed by a detailed letter in early June.

Kaleidoscope in Action: Some of our courses, due to their "active" nature, will require current immunization records as well as updated physicals prior to the start of class. This applies to courses with the following codes: 28, 51, 55, 75, 85, 97, 106, 130, 147, 158. This camp must comply with regulations of the Massachusetts Department of Public Health (105 CMR 430.190C) and be licensed by the local board of health.

Scholarships and Contributions: A limited number of partial scholarships are available. Contributions to Kaleidoscope are tax-deductible and are used for this purpose. Interested parties should call or write to the director.

Contact Information: Our office phone is (978) 475-1422. A fax can be sent to the same number. Wait for the beep following the message. Our e-mail address is: mypopcorn2@aol.com

Website: Check out our website at www.kaleidoscopekids.com! Registration can also be done on-line. Use PayPal or mail check within 48 hours to confirm registration.

Lunch: For those students who enroll in both a morning and an afternoon course, a supervised lunch area is provided. Kaleidoscope will provide this supervision free of charge.

Refunds: Prior to April 1, 2010, refunds are given, less a \$25 per course cancellation fee. Between April 1 and June 1, a \$50 per course fee applies. No refunds are made for cancellations after June 1, 2010.

Third child discount: Register three children and receive a 10% discount off the third child's tuition. (This applies to the child with the fewest courses.)

Faculty: Our faculty, as in the past, is comprised of highly qualified, creative, enthusiastic professionals. Anyone desiring specific information regarding staff may call 978-475-1422. We are very proud to have offered quality education for children for what will soon be thirty years.

BACK BY POPULAR DEMAND: EXTENDED DAY OPTION!

For students enrolled in AM and/or PM courses:

Join us from 2:30-5:00 daily, and enjoy arts and crafts, music, stories, videos, outdoor physical activities and more in a relaxed, creative, closely supervised environment. A snack is also included. Cost: \$90 per week or \$20 per diem

FULL TIME RATE!!

Attend Kaleidoscope for three weeks, including Extended Day, and save over \$200! Choose six outstanding courses, stay for lunch and extended day all three weeks, and pay only \$1095. (Regular cost: \$1,200+) (Materials fees extra if applicable).

EARLY CARE

Early care (8:00-9:00) can be provided on an individual basis for an additional \$30 weekly fee.

LATE CARE

In responding to parents who need coverage from 5:00-6:00 P.M., an option is now available. Late Care can be provided for an additional \$75 week. Please notify the office if you will need this coverage, as additional staffing is required.



KALEIDOSCOPE ANNOUNCES...



K I T E

Our 21st Year!



(Kaleidoscope Institute for Thinking Excellence)

August 2 - 6, 2010

A ONE-WEEK FULL-DAY ADVANCED PROGRAM FOR THE HIGH ABILITY LEARNER • AT PIKE SCHOOL FOR GRADES K-8

LOCATION: PIKE SCHOOL, ANDOVER, MASSACHUSETTS

OVERVIEW:

For our twenty-first summer, KITE has chosen a very positive and intriguing theme: "Climb Every Mountain". KITE students are eager, talented learners who have unlimited potential and who meet challenges with skill and determination. No slope is too high, no trail too rocky and no stream too deep to prevent our KITE adventurers from exploring and conquering. Join our KITE 2010 Expedition as we follow every rainbow and find our dreams.

What would you pack in your survival kit before our expedition begins? What dangers lie along the way? Can you use a compass? What is the tallest mountain in the world? In North America?

During the week, our skilled teachers will provide instruction on a variety of topics, pose challenging open-ended questions and function primarily as a "guide on the side" rather than assume the more traditional teacher's role of "sage on the stage".

Students will create "hands-on" projects based on some of their own interests. Active learning is emphasized as they stretch their critical and creative thinking skills with a group of enthusiastic and capable peers.

Examples of Special Interest groups might include: Reach for the Summit (theater/drama); Rocky Road Math; Survival 101; Animals and Shelters (science/engineering); Avalanches and Other Disasters, and more.

WHO SHOULD GO TO KITE? If your child grasps new concepts quickly and deeply, asks questions that show depth of understanding, often adds that "something extra" to a project, seems motivated to explore new ideas, spends time waiting for others to "catch up"... then we highly recommend that you try the KITE program this summer. Please feel free to call us at (978) 475-1422 any time to discuss your child and to determine whether the KITE program would be a good match.

FROM THE KIDS:

"I learned how to organize things in my head and make good decisions." • "This past KITE program was just perfect."

FROM A KITE PARENT:

"We feel the program was wonderful and our daughter benefitted tremendously. The staff was well-prepared and enthusiastic and this was reflected in the students' success."

HIGHLIGHTS:

• Emphasis on higher order creative and critical thinking, as well as problem-solving skills

- Use of the nationally validated "Talents Unlimited" thinking skills model, including productive thinking, communication, forecasting, decision-making and planning activities
- Chance to meet and work with other outstanding students, share interests and abilities, and make new friends

- Individual and small group independent investigations
- In-depth study of student-determined high interest topics

PRE-REQUISITES:

- Above average academic skills
- Independent learning skills
- High degree of motivation
- Teacher survey (sent upon registration)
- Student interest questionnaire (sent upon registration)
- Recommendation of previous year's KITE teacher (if applicable)

TIME: 9:00-2:30 daily

TUITION: \$325 per child + \$30 non-refundable Registration Fee. Cancellation Policy: Refunds are given (less \$100 cancellation fee) if student withdraws prior to JUNE 1, 2010. No refunds available beyond that date.

EXTENDED DAY: Extended day arrangements (2:30 - 5:00 p.m.) are available at an additional cost of \$90 per child. Please indicate if you need this service when registering. Early Care (8-9am) is also available for \$30 per child.

REGISTRATION: Use form in brochure; teacher survey and student interest survey will be mailed upon receipt of registration form and tuition. Children will receive several letters prior to the start of the program. Please indicate grade level **completed** as of June, 2010.

CLASS SIZE: 12

COORDINATOR: Janis Baron

DIRECTOR: Ethel Collin

INSTRUCTORS: Highly-qualified, certified teachers with training in gifted education and/or higher order thinking skills. All have been trained in the nationally validated Talents Unlimited thinking skills model.

FOR K.I.T.E. INFORMATION: (978) 475-1422

Visit the K.I.T.E. link at www.kaleidoscopekids.com



SCHEDULE

Please use appropriate codes from this page when registering. This will assure the proper placement of your child. Please use child's age or grade as of June 1, 2010, as your guide. If special circumstances exist, feel free to contact the director. Refer to the alphabetical listing that follows for course descriptions. We look forward to seeing your child this summer.



CSI Investigations

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Early Session Special: July 6-9

10 Marble Machine Madness Gr. 3/4/5/6 (4 Days)
July 6-9, 2010 (9:00 A.M.-2:30 P.M. Daily)

Session I: July 12-16

11 Domino Physics Grades 3/4/5/6
NOTE: All-Day Course (9:00 A.M.-2:30 P.M. Daily)

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A.M. (9:00-11:30 A.M. DAILY)

- | | |
|-------------------------------|------------------|
| 12 Meet Mother Goose | Ages 3/4 |
| 13 Seuss on the Loose | Ages 3/4 |
| 14 Adventure Theater | Ages 3/4 |
| 15 Kid Concoctions | Ages 3 1/2/4/5 |
| 16 Blast Off | Ages 4/5 |
| 17 Understanding Animals | Ages 4/5 |
| 18 Under the Sea | Ages 4/5/6 |
| 19 Movin' and Groovin' | Ages 4/5/6 |
| 20 Lego Mania | Ages 4/5/6 |
| 21 Manny Manners | Ages 5/6/7 |
| 22 Science or Wizardry* | Ages 5/6/7 |
| 23 Treasure Island | Grades K/1/2 |
| 24 Magic Schoolbus Adventures | Grades K/1/2 |
| 25 Sketchbook Skills* | Grades K/1/2 |
| 26 D.I. Warmup | Grades K/1/2 |
| 27 Kitchen Chemistry* | Grades 1/2/3 |
| 28 Golf Club* | Grades 1/2/3 |
| 29 American Girls | Grades 1/2/3/4 |
| 30 Chess | Grades 1/2/3/4/5 |
| 31 Play Production | Grades 2/3/4/5 |
| 32 Art Smart | Grades 3/4/5/6 |
| 33 French | Grades 3/4/5/6 |
| 34 Rocket Launch* | Grades 3/4/5/6 |
| 35 Website Design | Grades 4/5/6 |
| 36 T-Shirt Madness* | Grades 4/5/6 |
| 37 Astronomy* | Grades 4/5/6 |

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P.M. (12:00-2:30 P.M. DAILY)

- | | |
|--------------------------|----------------|
| 38 Disney Delights | Ages 3 1/2/4/5 |
| 39 Kid Concoctions | Ages 3 1/2/4/5 |
| 40 Adventure Theater | Ages 4/5 |
| 41 Under the Sea | Ages 4/5/6 |
| 42 Blast Off | Ages 4/5/6 |
| 43 Understanding Animals | Ages 4/5/6 |
| 44 Theater for Kids | Ages 5/6/7 |
| 45 Science Sampler* | Ages 5/6/7 |
| 46 Lego Mania | Grades K/1/2 |
| 47 Science or Wizardry* | Grades K/1/2 |
| 48 Geology* | Grades K/1/2 |
| 49 Celebrations | Grades K/1/2 |
| 50 Off to Camp | Grades K/1/2/3 |
| 51 Dance Explosion | Grades K/1/2/3 |
| 52 Gateway to India | Grades 2/3/4 |
| 53 Mystery Madness | Grades 2/3/4 |
| 54 Off-Loom Weaving | Grades 2/3/4 |
| 55 Jump Rope Jubilee | Grades 2/3/4/5 |
| 56 Concert Tour | Grades 2/3/4/5 |
| 57 Party Etiquette* | Grades 3/4/5 |
| 58 Drawing* | Grades 3/4/5/6 |
| 59 Rocket Launch* | Grades 3/4/5/6 |
| 60 Speakers' Platform | Grades 4/5/6 |
| 61 CSI Investigations | Grades 4/5/6 |

Session II: July 19-23

62 Adventures in Science Grades K/1/2
63 Domino Physics Grades 1/2/3/4
64 Musical Theater: The Pied Piper! Grades 3/4/5/6
NOTE: #62, #63, #64 are All-Day Courses (9:00 A.M.-2:30 P.M. Daily)

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A.M. (9:00-11:30 A.M. DAILY)

- | | |
|-------------------------|------------------|
| 65 Young Chefs* | Ages 3/4 |
| 66 Solar System Science | Ages 3/4 |
| 67 Disney Delights | Ages 3 1/2/4/5 |
| 68 Castle Adventures | Ages 4/5 |
| 69 Construction Zone | Ages 4/5/6 |
| 70 Markers and Melodies | Ages 4/5/6 |
| 71 Science or Wizardry* | Ages 5/6/7 |
| 72 Guitar and More* | Ages 5/6/7 |
| 73 Off to Camp | Ages 5/6/7 |
| 74 Toy-Making | Ages 5/6/7 |
| 75 Hoop Stars | Ages 6/7/8 |
| 76 Meet Eric Carle | Grades K/1/2 |
| 77 Math Fun | Grades K/1/2 |
| 78 Painting | Grades K/1/2 |
| 79 Spanish II | Grades K/1/2/3 |
| 80 Hair Design | Grades 1/2/3 |
| 81 Astronomy* | Grades 1/2/3 |
| 82 Kitchen Chemistry* | Grades 1/2/3 |
| 83 T-Shirt Madness* | Grades 1/2/3 |
| 84 Chess | Grades 1/2/3/4/5 |
| 85 Golf Club* | Grades 2/3/4/5 |
| 86 Rocket Launch* | Grades 2/3/4/5 |
| 87 Digital Photography* | Grades 3/4/5 |
| 88 Mass Media Blast* | Grades 3/4/5/6 |
| 89 Sculpture* | Grades 3/4/5/6 |
| 90 Rock Band | Grades 4/5/6 |
| 91 Extreme Survivor | Grades 4/5/6 |
| 92 Website Design | Grades 4/5/6 |

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P.M. (12:00-2:30 P.M. DAILY)

- | | |
|--------------------------|----------------|
| 93 Solar System Science | Ages 3 1/2/4/5 |
| 94 Castle Adventures | Ages 4/5/6 |
| 95 Young Chefs* | Ages 4/5/6 |
| 96 Spanish I | Ages 4/5/6 |
| 97 Soccer Savvy | Ages 4 1/2/5/6 |
| 98 Toy-Making | Ages 5/6/7 |
| 99 Remote Control* | Ages 5/6/7 |
| 100 Construction Zone | Ages 5/6/7 |
| 101 Treasure Island | Ages 5/6/7 |
| 102 Science or Wizardry* | Grades K/1/2 |
| 103 Flight* | Grades K/1/2 |
| 104 Webkinz Kids | Grades K/1/2 |
| 105 Fabric Fun | Grades K/1/2 |
| 106 Dance Explosion | Grades K/1/2/3 |
| 107 Arts-A-Palooza | Grades K/1/2/3 |
| 108 Recycled Art | Grades 1/2/3 |
| 109 Off To Italy | Grades 1/2/3 |
| 110 Ceramics* | Grades 1/2/3 |
| 111 Author Author | Grades 2/3/4 |
| 112 Cartooning | Grades 2/3/4/5 |
| 113 Rock Band | Grades 3/4/5 |
| 114 Scrapbooking* | Grades 3/4/5/6 |
| 115 Cursive/Calligraphy | Grades 3/4/5/6 |
| 116 Invention Convention | Grades 3/4/5/6 |
| 117 Jr. Electronics* | Grades 4/5/6 |
| 118 CSI Investigations | Grades 4/5/6 |

Session III: July 26-30 A.M. (9:00-11:30 A.M. DAILY)

- | | |
|-------------------------------------|----------------|
| 119 Butterflies, Bugs and Beyond | Ages 3/4 |
| 120 Disney Delights | Ages 3 1/2/4/5 |
| 121 Garden Party | Ages 3 1/2/4/5 |
| 122 Discovering Dinosaurs | Ages 4/5 |
| 123 Movin' and Groovin' | Ages 4/5/6 |
| 124 Imagination Station | Ages 5/6/7 |
| 125 Science Sampler* | Ages 5/6/7 |
| 126 Theater for Kids | Ages 5/6/7 |
| 127 Magic School Bus Adventures | Grades K/1/2 |
| 128 Math Fun | Grades K/1/2 |
| 129 Computer Capers | Grades K/1/2 |
| 130 Yoga for Kids | Grades K/1/2 |
| 131 Painting | Grades K/1/2 |
| 132 Jewelry-Making (Beginner)* | Grades K/1/2 |
| 133 Kitchen Chemistry* | Grades 1/2/3 |
| 134 Invention Convention | Grades 1/2/3 |
| 135 Outside the Box | Grades 1/2/3 |
| 136 Recycled Art | Grades 2/3/4 |
| 137 Rocket Launch* | Grades 2/3/4/5 |
| 138 House and Building Design | Grades 2/3/4/5 |
| 139 Guitar and More* | Grades 3/4/5 |
| 140 Fun Physics* | Grades 3/4/5/6 |
| 141 Mass Media Blast* | Grades 3/4/5/6 |
| 142 Improv Theater | Grades 3/4/5/6 |
| 143 Extreme Survivor | Grades 4/5/6 |
| 144 American Red Cross Babysitting* | Grades 5/6/7 |

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P.M. (12:00-2:30 P.M. DAILY)

- | | |
|---------------------------------|----------------|
| 145 Never-Ending Stories | Ages 3 1/2/4/5 |
| 146 Garden Party | Ages 4/5/6 |
| 147 Yoga For Kids | Ages 4/5/6 |
| 148 Discovering Dinosaurs | Ages 4/5/6 |
| 149 Magic School Bus Adventures | Ages 5/6/7 |
| 150 International Young Chefs* | Ages 5/6/7 |
| 151 Instrument-Making | Ages 5/6/7 |
| 152 Fabric Fun | Grades K/1/2 |
| 153 Remote Control* | Grades K/1/2 |
| 154 Video Live* | Grades K/1/2 |
| 155 Science Sampler* | Grades K/1/2 |
| 156 Computer Capers | Grades 1/2/3 |
| 157 Keyboard Fun* | Grades 2/3/4 |
| 158 Fun and Fitness | Grades 2/3/4 |
| 159 Flight* | Grades 2/3/4 |
| 160 Game-Making | Grades 2/3/4 |
| 161 Jewelry-Making (Advanced)* | Grades 3/4/5 |
| 162 Cartooning | Grades 3/4/5/6 |
| 163 Play Production | Grades 3/4/5/6 |
| 164 Painting | Grades 3/4/5/6 |
| 165 Amazing Races | Grades 4/5/6 |
| 166 Aide Internship | Grades 5/6/7 |

See our website for
several parent offerings
this summer!

* Additional fees involved; see course descriptions

Kaleidoscope 2010 Courses

ALL DAY COURSES

Adventures in Science

Instructor: Christa Ritter

II All Day Gr. K/1/2

Do you run through the woods and meadow without stopping to really look at the living environment around you? When you swim in a pond, do you know that it is the habitat for millions of tiny creatures? Become an investigator inside the classroom as you examine natural items. Outside, be the explorer—discovering hidden wonders in a pond, woods, field, stream, or ocean. There will be several exciting field trips following by related activities in the classroom. This course runs from 9:00-2:30 PM daily, with an occasional earlier departure and later return. Parents MUST be able to assist in driving and supervising on 1-2 trips each. (Toddlers and infants cannot accompany parent chaperones). Cost \$335, including all materials and trip fees.

Adventure Theater

Instructor: Jan Peters

I AM Ages 3/4
I PM Ages 4/5

Children can be whatever they want to be—kings and queens, cats and mice, and more! Class includes art, movement, music and dance as students participate in individual and group dramatic activities. One of our longest-running courses, this program encourages each child to use his or her imagination in highly creative games and projects.

Aide Internship Program

Instructor: Sandra Blumenthal

III PM Gr. 5/6/7

The aide internship program is available to a limited number of boys and girls who are eager to learn the skills involved in becoming an aide for the Kaleidoscope program. Learn how the program operates, become familiar with the teachers and courses. Spend some time working as a junior aide in one of the courses. Students who enroll should be hard-working, responsible and enthusiastic. Call if further information is desired.

Amazing Races

Instructor: Michelle Joubert

III PM Gr. 4/5/6

Our own modification of The Amazing Race TV show, this course involves 32 exciting indoor and outdoor challenges in a friendly competition. Compete as individuals as well as with partners to earn tokens that you can redeem at the end of the course. Some tasks require physical skills, some tap your mental abilities. All are fun and thought-provoking. Examples include a long distance target toss, scavenger hunt, match the flags and many more. Build your confidence and test your limits; look to be challenged, dared and surprised!

American Girls

Instructor: Kristeen Hartwell

I AM Gr. 1/2/3/4

Travel back in time to find out more about your favorite American Girl dolls! Learn about the lives of Molly, Rebecca, Kit, Samantha and other American Girls through stories, games, artwork, crafts and songs specific to each doll's time period. (e.g., Native American life, life during World War II, etc.) We'll also see what it was like for Girl of the Year, Chrissa, to find courage to stand up for herself and others. Come join the fun and find out more about being an American Girl!

American Red Cross Babysitting Training

Instructor: Kathleen Irving, Certified ARC Instructor

Session III AM Gr. 5/6/7

Here's your chance to become an American Red Cross certified babysitter and receive certification in Basic First Aid! Learn to care for infants and children, as well as to make good decisions and solve problems. Be more confident handling emergencies such as injuries, illnesses and household accidents. Use hands-on activities, interactive videos, and lively discussions. You can even build your own resumé to apply for babysitting jobs. At the successful completion of this course, you will receive certification in babysitter's training, child and infant CPR and First Aid. \$20 books & materials fee

Arts-a-palooza

Instructors: Mary Murphy (art) & Ruth Cranton (music)

II PM Gr. K/1/2/3

Participate in a magical musical fantasy adventure. Express yourself through art and music as you create a performance extravaganza. Use paint, markers and other media to create sets and simple costumes that accompany the upbeat musical activities. Showcase your talents on Friday; parents and friends invited.

Art Smart

Instructor: Linda Torossian

I AM Gr. 3/4/5/6

Meet Monet, Van Gogh, Matisse and others as you learn about famous artists. Feel like these artists as you explore their techniques and media, including watercolor, paint, cut paper, chalk, etc. Much of the artwork is done "on location" (outdoors). Art books, prints and brief videos are used as resources. An informal showing of students' work takes place on Friday.

Astronomy

Instructor: Ann Harrold

I AM Gr. 4/5/6
II AM Gr. 1/2/3

People have been fascinated by astronomy for centuries. Study the sun, moon, stars, planets and more. Create a planet mobile, puzzle, moon rock, and a detailed model of Saturn. Learn about comets, constellations, and phases of the moon. Take a week-long journey through the astronomer's world! \$10 materials fee.

Author Author

Instructor: Colleen Dolan

II PM Gr. 2/3/4

Have you ever wanted to write your very own hardcover book? In this course you use the writing process to turn your creative thoughts into written words. You do art projects related to your writing and design a cover for your book, which you'll illustrate and publish by the end of the course. Goal is to create a high quality alphabet-style book based on the topic of your choice.

Blast Off

Instructor: Donna Woods

I AM Ages 4/5
I PM Ages 4/5/6

Come join the Kaleidoscope space team. Discover the universe in a fun and factual way. Travel to outer space in our classroom-made spacecraft. Find out what it's like to be an

astronaut. Design your own control panel. Take a walk on the moon. Learn fascinating facts about the sun, stars, and planets. Blast off on July 12!

Butterflies, Bugs & Beyond

Instructors: Lisa Hutzler and Bonnie Wheelwright

III AM Ages 3/4

Join us as we explore the world of insects through art, cooking, songs, dramatic play and literature. See bugs in their natural environment when we go on a real "bug hunt!" Construct a worm house; create your own bug stationery and make a delicious "bug" snack. Learn about bugs and butterflies with many exciting hands-on activities.

Cartooning

Instructor: Nancy Stewart

II PM Gr. 2/3/4/5
III PM Gr. 3/4/5/6

Draw some of your favorite cartoon characters, using three-dimensional models. Learn to draw parts of the body. Then design an original character who becomes part of your comic strip. Adding a good plot, humor, and color (if desired) helps to finish these masterpieces. Artists create single block cartoons as well as 3-6 block story lines. All work becomes part of your portfolio and is taken home to be shared and enjoyed.

Castle Adventures

Instructor: Donna Woods

II AM Ages 4/5
II PM Ages 4/5/6

Come with us to the magical worlds of knights and ladies. Learn about their lives, and meet wizards and fire-breathing dragons. Play with a beautiful castle, listen to wonderful stories and music, and even design your own coat of arms. Dress up and go on a medieval parade!

Celebrations

Instructor: Robin Harrold

I PM Gr. K/1/2

This is a party you won't want to miss! Enjoy a different celebration each day, with art projects, games, decorations, songs, and even some tasty goodies that you prepare. Mardi Gras is a very exciting event that is famous for its floats and parades. Make "king cake," masks and colorful beads. We also celebrate Cinco de Mayo, Chinese New Year and other events enjoyed by people around the world. No invitation needed; just sign up and join the fun.

Ceramics

Instructor: Linda Torossian

II PM Gr. 1/2/3

Use clay and paint to create many decorative items, such as figurines, vases, animals, reliefs and more. Make original colorful beads. Use self-hardening clay and your imagination to design wonderful treasures, all of which are painted and taken home at the conclusion of the course. \$10 materials fee.

Chess

Instructor: John Biafore

I AM Gr. 1/2/3/4/5
II AM Gr. 1/2/3/4/5

King, queen, bishop, knight. The fabulous game of chess was born in India. For players of all ages and abilities, this course will enable you to learn and/or improve your moves. Have fun as you play; you even get to do some projects that help you better understand the game. Advance knowledge is not required, but a DESIRE to learn and improve is very important. Students may sign up for one or both sessions.

Computer Capers

Instructor: Amy Pinciak

III AM Gr. K/1/2
III PM Gr. 1/2/3

Join other computer lovers and enjoy an entire week of fun in our Macintosh computer lab. Use Kid Pix to create animated pictures and much more. Print and frame some of your original computer artwork. Make personal stationery and signs. Visit safe internet sites where you can play award-winning educational games as well as design puzzles and other creative projects. Receive a Resource Guide to outstanding websites at the end of the course.

Construction Zone

Instructor: Robin Harrold

II AM Ages 4/5/6
II PM Ages 5/6/7

Caution! Wear your hard hat! Become a carpenter as you use paper, legos, boxes and more to build imaginary houses and towns. Be an Eskimo as you use sugar cubes and glue to construct an igloo. Listen to poems, songs and stories as you build an adobe house, a castle, and "brick" wall. Build a marble tower. Play "crane tag." Build sculptures out of clay. Construct gumdrop creations. Don't miss the fun!

Concert Tour (Singing)

Instructor: Ruth Cranton

I PM Gr. 2/3/4/5

Did you ever wish you could join a singing group? Here's your chance! Your director is an experienced music teacher and singer who will help you take your show on the road! Join other interested singers as you "tune-up" your vocal skills. Learn about pitch, proper breathing and rhythm. Boost your confidence and learn arrangements of popular songs, including many favorites from Broadway musicals. Perform in a concert on Friday to showcase your talents!

CSI Investigations

Instructor: Michelle Joubert

I PM Gr. 4/5/6
II PM Gr. 4/5/6

Take on the role of a crime scene specialist in this interactive class that immerses you in a crime scene. Explore cutting-edge methods of investigating, including fingerprint and "blood" spatter analysis. Form your own hypothesis in order to solve (G-rated) "crimes." Become part of the CSI team. After stepping into a crime scene, use the process of scientific inquiry to identify and analyze evidence, test your hypothesis, and solve the crime. Find out what really happened!

Cursive & Calligraphy: Power of the Pen

Instructor: Cynthia Bogatka

II PM Gr. 3/4/5/6

Great handwriting allows you to express yourself quickly and clearly, whether taking notes in class, writing personal notes about ideas, or communicating with family and friends. Create your own "cursive identity" by mastering the Palmer Method. Use "your whole arm" to write and let your "fingers serve as the guides" as you begin to see proper letter formation, spacing and slant angles. Practice the art of calligraphy by using special marker pens to learn basic script. Frame your own cursive/calligraphic work of art, such as a hand-

written letter or a favorite pen. Bring patience, determination, and a special pen if desired. Listen to favorite music while writing.

Dance Explosion

Instructor: Brittany Couture and Lauren Blaxter I PM Gr. K/1/2/3 II PM Gr. K/1/2/3

If you enjoy dancing, you will love this class, which includes three different dance forms: cheer dance, hip hop and jazz. Have fun counting rhythm and choreographing your own routines. Get a lot of exercise as you gain valuable dance experience and make new friends. Class includes several art projects such as making your own pompoms, megaphone and decorated T-shirt.

Destination Imagination Warm-Up

Instructor: Donna Cloney I AM Gr. K/1/2

Destination Imagination (DI) is a very popular international competition that emphasizes problem-solving, creativity and teamwork. Teams of enthusiastic and energetic students use critical and creative thinking skills to solve open-ended problems; the solutions are often ingenious and always original. In the "warm-up" course, you and your team will face "Instant Challenges." "Hands-on" skills as well as good thinking (and, of course, teamwork) are needed to succeed. Those with or without previous DI experience will have a blast.

Digital Photography

Instructor: Nancy Stewart II AM Grades 3/4/5

Let's focus on photography in the 21st century! Compare digital and traditional cameras as you learn to see the world through the camera's lens and your own eye. What happens when you take a picture? Discover why some pictures are fuzzy. What are some of the different reasons for taking pictures? Use a digital camera, tripod and printer to take portraits of your classmates. Examine the work of famous photographers such as Ansel Adams. Share your photographs through artwork and journals. \$10 fee.

Discovering Dinosaurs

Instructor: Linda Kane III AM Ages 4/5 III PM Ages 4/5/6

Take a trip far back in time and meet the prehistoric reptiles and gentle giants that roamed the earth. Make your own fossils and dinosaur eggs. Who were our first feathered friends? This is a hands-on course where artwork and stories help create a deeper understanding of these fascinating creatures from our past.

Disney Delights

Instructor: Laura Cedrone II AM Ages 3 1/2/4/5 III AM Ages 3 1/2/4/5

Read some of your favorite Disney stories; make hidden treasure bottles and magic carpets from "Aladdin"; create royal crowns and magical mirrors from "Beauty and the Beast". Would you like to make Sheriff Woody's badge ("Toy Story")? How about adorable 101 Dalmations hats? Join us for five wonderful Disney Days!

Domino Physics

Instructor: Peter Bloom I All-Day Gr. 3/4/5/6 II All-Day Gr. 1/2/3/4

For kids who love nothing more than to build, create, and find practical applications for scientific discovery, we are excited to offer an all-day week-long Domino Physics course, led by Peter Bloom, the original domino physicist. Combine principles of physics and engineering as you construct enormous chain reactions using thousands of dominos, marbles, tracks, mechanical toys, electronic devices, and other props. Each day is a mix of self-directed discovery and expert instruction. Working solo and as part of a team, you'll learn tricks of the trade for creating stunning and effective domino chaining. What can you get your falling dominos to do on the way down? Class runs from 9:00 AM-2:30 PM daily; course fee is \$335.

Drawing

Instructor: Nancy Stewart I PM Gr. 3/4/5/6

For the student who loves to draw, this course teaches you to use shadow and light as you improve your drawing talents. Learn about pure contour drawing, upside down drawing, still life sketches and more. Critique your own work as you show daily improvement. Express yourself and develop your own unique style. \$10 fee. (Sketchbooks will be provided for each child).

Extreme Survivor

Instructor: Linda O'Connor II AM Gr. 4/5/6 III AM Gr. 4/5/6

Have you ever wondered how you would survive a shipwreck at sea? Or what you would do if you were stranded in the icy cold of the Arctic or the severe heat of the desert? In this course, we'll play games, do simulations and learn key skills to help us in all of these extreme conditions and more. Find out how everyday objects can be transformed into life-saving tools. Learn how capable you really are, even in the most difficult situations! Welcome to "Survivor: Kaleidoscope!"

Fabric Fun

Instructor: Linda O'Connor II PM Gr. K/1/2 III PM Gr. K/1/2

Have fun printing on fabric and exploring different textures. Make a mini wall hanging or quilt. Dress up using beautiful pieces of fabric. Enjoy literature-related activities and stitch an original puppet. Create your own pillowcase for a favorite pillow and make other wonderful decorations for your room. Many fun projects are included in this exciting new course.

Flight

Instructor: Dan Pinciak II PM Gr. K/1/2 III PM Gr. 2/3/4

Let's take off together exploring the mysteries of flight. What makes a plane fly? Enjoy activities such as the paper plane challenge, stomp rocket golf, and balsa plane adventures. Be a pilot as you maneuver your flying machines down the Kaleidoscope runway. Make your own aircraft to take home at the end of the course. \$10 materials fee.

French

Instructor: Leela Scanlon I AM Gr. 3/4/5/6

Bonjour! See how much fun it can be to speak another language. In a creative, fun-filled course, learn some basic conversational French, including numbers, colors, greetings, other phrases, and much more. Discover the richness of the French culture through related artwork, music and food.

Fun and Fitness

Instructor: Chris Munier

Here's an opportunity to exercise your body and your mind. Learn about your muscles and skeleton as you play exciting and popular cooperative games, such as "Germ Bug," "Falling Apples" and "Crossing the Island." Discover how teamwork is used to help others and to sharpen your problem-solving skills. Get a lot of exercise as you have fun and learn how to keep your mind and body active and healthy.

Fun Physics

Instructor: John Biafore III AM Gr. 3/4/5/6

Enter the fun world of physics as you conduct tests of density, speed and volume. Create popsicle stick bridges and determine the strength factor of these structures. (Which one can hold the most weight?) Make gravity-driven vehicles that really work and compete in races. Learn about Newton's three laws. Try the famous egg-drop experiment and other challenging activities. \$10 materials fee.

Game-Making

Instructor: To Be Determined III PM Gr. 2/3/4

Candyland. Monopoly. Trivial Pursuit. All games begin with a great idea inside someone's head. Take your own favorite topic, create your own rules, and design an exciting workable game. Use fabric, wood, shiny foiled paper, etc. as you create original games to play with family and friends. You might even create a "life-size" game board using a large sheet.

Garden Party

Instructor: Barbara Moverman III AM Ages 3 1/2/4/5 III PM Ages 4/5/6

Enjoy wonderful garden-themed books, including *Planting a Rainbow*, *Sunflower House* and more. Re-pot flowers and decorate a beautiful flower pot. Go on a dandelion hunt. Watch seeds sprout without any sunlight or water! Learn about summer fruits and make a delicious fruit salad. Join our scientific journey through the amazing world of nature.

Gateway to India

Instructor: Leela Bakshi Scanlon I PM Gr. 2/3/4

Come experience the rich and multi-faceted culture of India. Learn about traditions and holidays, geography, nature, art, music, yoga, foods, clothing, games and dance. Make a scarf based on traditional motifs. Create a clay pot for Vivaali. Dance to modern Bollywood tunes. Learn some words in Hindi. This land far away will seem closer with activities and projects designed to help you gain an understanding and appreciation of this complex and mystical country.

Geology

Instructor: John Biafore I PM Gr. K/1/2

Experience the exciting world of mineral studies. Learn to identify various rock types and conduct field safe labs using natural materials, gemstones and microscopes. Make a geological chart, rock art and sculpture, mineral jewelry and much more. \$10 materials fee.

Golf Club

Instructor: Matt Walsh I AM Gr. 1/2/3 II AM Gr. 2/3/4/5

Learn fundamental golf skills with the accent on fun. Indoor and outdoor activities are designed to teach proper grips and stances. Creative games such as "Bull's Eye" are used to develop skills as well as build confidence. Golf etiquette is also addressed. A field trip to a local miniature golf/driving range is included. Bring your own clubs if you have them, though this is not necessary. Fee (\$15) involved for field trip and bus transportation.

Guitar and More

Instructor: Bill Jacobson II AM Ages 5/6/7 III AM Gr. 3/4/5

Join this musical class and learn the basic foundation skills needed to play the amazing guitar! Begin with simple songs played with one chord, then progress to more complicated pieces. Instructor is an experienced music teacher who brings many junior-sized guitars for you to use. During the week you also have fun playing on keyboards. Hone your drumming skills by using drumsticks on practice pads, as well as a drum set with snares, tom toms and cymbals. \$10 instrument fee.

Hair Design

Instructor: Brittany Couture II AM Gr. 1/2/3

Do you enjoy experimenting with different hair styles? Have fun changing your "look." Learn some beautiful and unique braiding techniques. Make interesting crafts, including barrettes, scrunchies, ribbons, and other decorative items for your hair. Find out which hair care products are good (and bad) for you. Take turns being a "model" and a hairdresser.

Hoop Stars

Instructor: Chris Munier II AM Ages 6/7/8

Watch out, NBA! Kaleidoscope's own "Hoop Stars" spend the week improving dribbling, shooting and passing skills. In this fast-paced and exciting course, boys and girls even practice basketball routines to music. The emphasis is on fun, not competition, and on improving confidence on the basketball court.

House and Building Design

Instructor: Sandra Blumenthal III AM Gr. 2/3/4/5

This course has been expanded to include dollhouses, clubhouses, castles, and other structures. Boys and girls create everything needed to make their "home" unique, including wooden furniture, wall coverings, rugs, etc. Add as many details as your imagination allows. Shoeboxes and mountains of interesting materials are used for this amazingly creative experience. Your finished multi-room masterpiece is displayed and taken home on Friday.

Imagination Station

Instructor: Kim Dowell III AM Ages 5/6/7

Step aboard our magical "train" and fire up your imagination. Each day we arrive at a different imaginary station. Visit Cinderella's castle wearing princess, prince, or knight costumes. Would you like to explore Peter Pan's island with our spyglass and pirate ship? Take a magic carpet ride on another day. A surprise adventure is planned for each day, with crafts and games and fascinating stories.

Improv Theater

Instructor: Jaime Lane

III AM Gr. 3/4/5/6

Improv uses theater games to build creativity, confidence, quick thinking and cooperation skills. The popular television series *Whose Line Is It Anyway?* is a perfect example of what we'll be doing in class each day. Transform simple objects. For example, how many ways can you think of to use a pool noodle? Have fun practicing ABC dialogues and random element skits. Create three-word stories as you think on your feet and outside the box!

Instrument-Making

Instructor: Ruth Cranton

III PM Ages 5/6/7

Make your own kazoos, drums, maracas, and many other wonderful instruments in this course designed for music lovers. Learn basic elements of songwriting; then compose your own melodies and perform them with the group. Experiment with sound and explore many different styles of music, old and new.

International Young Chefs

Instructors: Lisa Hutzler & Bonnie Wheelwright

III PM Ages 5/6/7

Join us as we travel the globe and create foods from around the world. Visit Mexico, Italy, Israel and China. Learn about these cultures through art, music, crafts, literature and, of course, FOOD! Make a flag and have your passport stamped as we visit each country. The week ends with a Mexican Pinata Party! \$10 materials fee.

Invention Convention

Instructor: Sarah Reilly Croteau

**II PM Gr. 3/4/5/6
III AM Gr. 1/2/3**

Did you know that many great inventions and products happened by accident, including chocolate chip cookies? Join our week-long invention convention and take many things apart; investigate how things work; create your own invention. Learn about patents that protect inventions. Create a commercial to advertise your new product or idea. Use recyclable and other materials as you design and build things that make life easier and/or solve problems.

Jewelry-Making (Beginner)

Instructor: Jane Langlais

III AM Gr. K/1/2

Do you have an artistic side? Express it creatively through jewelry-making. Design fashionable necklaces, charm and friendship bracelets, barrettes, pins and more. Use beads, shells and many other materials. You even decorate a jewelry box for storing your new treasures. This is a beginner class. \$10 materials fee.

Jewelry-Making (Advanced)

Instructor: Jane Langlais

III PM Gr. 3/4/5

In our advanced jewelry class, create hemp necklaces, bracelets, anklets and more. Learn how to crimp and macramé using yarn, floss and a variety of beads, including some that we make ourselves. Create beautiful projects that you will be proud to wear or give as gifts. \$10 materials fee.

Jr. Electronics

Instructor: Harvey Harrison

II PM Gr. 4/5/6

Come explore the building blocks of modern electronics! Create interesting visual effects. Have a close encounter with an oscilloscope and a laser. Use components such as resistors, capacitors, diodes, LEDs, and transistors to make a variety of exciting projects, all of which are yours to take home at the end of the course. For example, you might make a timer, an amplifier, etc. \$10 materials fee.

Jump Rope Jubilee

Instructor: Chris Munier

I PM Gr. 2/3/4/5

Do you enjoy rope jumping? Have fun and get some great exercise. Learn long and short rope skills and how to "Double Dutch". Make up your own individual and group routines. Meet other jumprope-lovers as you develop coordination, rhythm, agility, aerobic endurance, and leg strength. Use music as you learn many different types of jumps. Don't wait; jump right in!!!!

Keyboard Fun

Instructor: Bill Jacobson

III PM Gr. 2/3/4

Have you ever wanted to learn how to play the keyboard or piano? Here's your chance to have fun making music while mastering fundamental keyboard skills. Practice sight reading and learn about notation, musical symbols and chords as you play familiar popular songs. This course is for both beginners and those who are more experienced with piano or keyboard. Please indicate level of experience when registering so that instructor can prepare accordingly. \$10 instrument fee.

Kid Concoctions

Instructors: Lisa Hutzler and Bonnie Wheelwright

**I AM Ages 3 1/2/4/5
I PM Ages 3 1/2/4/5**

Science is the focus of this class, where you explore the magic of creating the ultimate "kid concoctions." Do you love sinking your hands into silly and slimy substances? Make "Magic Muck," snowy foam paint, GAK and even a tornado! Erupt in laughter as you create your very own volcano! Mix, measure, squish and sculpt many colorful creations.

Kitchen Chemistry

Instructor: Michelle Joubert

**I AM Gr. 1/2/3 II AM Gr. 1/2/3
III AM Gr. 1/2/3**

Explore many different creations that can be made with simple kitchen items, such as ivory soap, marshmallow peeps, yeast, baking soda, lemon juice and more. Watch the reactions that occur when particular ingredients are mixed together. Bubbling, melting, oozing and erupting are just a few things that you will observe. Participate in many "hands-on" experiments and create science projects, such as a "wave in a bottle," that you can take home. \$10 materials fee.

Lego Mania

Instructor: Kim Dowell

**I AM Ages 4/5/6
I PM Gr. K/1/2**

Are you a lego lover? This is the perfect course for you. Join other creative kids and spend the week exploring Kaleidoscope's Lego Land. Thousands and thousands of legos, including Star Wars, await you! Learn about all of the lego elements. Use your imagination as you build a lego animal zoo, design optical illusions, and create huge lego statues. Engage in partner building projects, in which one of you is the "engineer" and the other follows directions. Then trade jobs! Take home a souvenir album that contains pictures of your wonder-

ful lego creations. Older group (PM) will use simple lego robotics with staff from Tufts University's Center for Engineering Education & Outreach.

Magic School Bus Adventures

Instructor: Robin Harrold

**I AM Gr. K/1/2
III AM Gr. K/1/2 III PM Ages 5/6/7**

Travel through the amazing world of science as you join "Mrs. Frizzle" aboard our magic school bus. Make fog in a jar to see how clouds are formed. Learn about camouflage as you hunt for "hidden" objects. Explore optical illusions. Take a jelly bean taste test. Watch raisins dance as they rise and sink in a mixture of water and vinegar. All experiments are connected to the wonderful Magic School Bus books. Don't miss the adventures!

Manny Manners

Instructor: Allie Boutin, Gold Star Manners

I AM Ages 5/6/7

Meet Manny Good Manners, a special puppet who knows it is very cool to be polite! Play games, create colorful artwork, enjoy songs and puppet shows as you find new ways to make friends and deal with social settings, as well as how to cope with difficult situations. Have fun role-playing as you learn strategies to help you make good decisions. Practice Common Courtesies; do you know the "magic words?" You can become a star when you have good manners!

Marble Machine Madness

Instructor: Peter Bloom

Special July 6-9 Grades 3/4/5/6

The longest and fanciest marble run you will ever build awaits your helping hand. Using an eccentric combination of cardboard ramps, metal tracks, plastic tubes, funky tunnels and yards of duct tape, you and your teammates will work together to create the ultimate marble machine, designed to keep a one-inch glass marble in motion for as long as possible. What tricks can you convince a marble to perform on its way down from high to low? Find out when you join us for this sister course to Domino Physics for four full days, July 6-9, (9:00 AM-2:30 PM) prior to the official start of Kaleidoscope. Course Fee: \$325. (Note: Extended Day is not available after this course.)

Markers and Melodies

Music Specialist: Ruth Cranton

II AM Ages 4/5/6

Art Specialist: Mary Murphy

Art and music are two favorite means of expression for young children. This course provides a half morning of each, built upon popular themes such as animals and colors. Children use a variety of art media and explore songs and movement set to classical and popular music. Course concludes with a spectacular demonstration for visitors on Friday.

Mass Media Blast

Instructor: Colleen Dolan

**II AM Gr. 3/4/5/6
III AM Gr. 3/4/5/6**

Become a reporter, weatherperson, sportscaster or entertainment host! Children enrich communication skills by producing a live video news broadcast of the Kaleidoscope program for WKAL (to be aired on Andover cable). Also, publish a Kaleidoscope newspaper with articles, interviews, cartoons and more. (Students may take one or both weeks of this course.) \$10 video fee.

Math Fun

Instructor: To Be Determined

**II AM Gr. K/1/2
III AM Gr. K/1/2**

At last! A course for the math lover. Participate in computer and hands-on experiences which enhance and extend the math curriculum. Enrichment includes line designs, edible symmetry, and geometric creatures. Be actively involved in applying mathematical ideas through a variety of instructional formats. Note: Students may sign up for one or two weeks. (There will be no repetition.)

Meet Eric Carle

Instructor: Barbara Moverman

II AM Gr. K/1/2

Enjoy many of the wonderful books written by popular author, Eric Carle. Read *Walter the Baker*, and make your own pretzels. Create "mixed-up" animal puppets after reading *The Mixed-Up Chameleon*. *Pancakes Pancakes* and *The Tiny Seed* are two more great stories. Would you like to make (and eat) your own pancakes? Plant a variety of seeds? Use Eric Carle's methods of collage illustration to create your own artwork? This course is a stimulating author study with lots of "hands-on" fun! Don't miss it!

Meet Mother Goose

Instructor: Colleen Dolan

I AM Ages 3/4

Children enter the world of Mother Goose through songs, books and arts and crafts. Learn some pre-reading skills in a hands-on way. Enjoy favorite rhymes and meet storybook friends including Humpty Dumpty and Jack and Jill. Activities include making spider webs, puppets, and more. This is one of our longest running courses!

Movin' and Groovin'

Instructors: Ruth Cranton and Chris Munier

**I AM Ages 4/5/6
III AM Ages 4/5/6**

Come enjoy a half-morning each of music and physical education specially designed for pre-schoolers. Learn singing games and folk songs. Play xylophones, drums and other small percussion instruments. Participate in group games, relays and some gymnastics to improve motor skills. Every child has a share of the spotlight! Parents invited to a fantastic show on Friday.

Musical Theater: The Pied Piper (One-Week intensive)

Instructor: Jeff Caron

II All-Day Gr. 3/4/5/6

This "back by popular demand" course goes beyond fun and games, and allows serious actors to rehearse and perform a full-length, one-act musical. You can also participate "behind the scenes" if you prefer. Participants will audition for roles, learn all their lines, songs, and choreography, and present the musical to a live audience in our beautiful air-conditioned theater on Friday afternoon at 2:30 PM. **This course runs all day** (from 9:00 AM-2:30 PM), encompassing the morning and afternoon sessions. Course fee: \$335.

Mystery Madness

Instructor: Colleen Dolan

I PM Gr. 2/3/4

This course is designed for the mystery fan. Write short mystery stories. Learn to play "Clue". Discover clues to mystery riddles. Experiment with fingerprints and invisible ink. Become a detective and write case reports. Meet an Andover police detective who will share his knowledge with you. All this and more helps you become a first class investigator.

Never-Ending Stories

Instructor: Kim Dowell

Literature comes alive in this course especially designed for pre-schoolers who love books and active projects. Great children's books, such as *Caps For Sale*, *Strega Nona*, and *If You Give a Mouse a Cookie*, are used each day, with many creative follow-up activities to reinforce the learning. Examples of activities include going on a monster hunt and creating a monster mural, making mouse paper bag puppets and decorating mouse cookies.

Off-Loom Weaving

Instructor: Linda Torossian

Weaving is a beautiful way to express your creativity. Explore weaving techniques using cardboard looms, soda straws, and even tree branches. Make colorful pillows, survival bags, wall hangings, sculptures and more. Learn exciting patterns such as stripes, checkerboard, and basket weave. Your work will impress and delight you!

Off to Camp

Instructor: Beth Federico

You don't need to go very far to go to summer camp! Join this exciting, new, mostly-outdoor class and take adventure-filled hikes around the Pike campus. Use team-building skills to solve challenging problems. Have fun assembling model-sized shelters. Put up a tent! Use the sun to make yummy s'mores. Experience many camping activities without leaving town!

Off to Italy

Instructor: Laura Cedrone

Hop aboard Kaleidoscope Air and spend the week in fabulous Italy! Learn numbers in Italian by creating a chart with different regional pastas; then find out which regions produce each pasta. Visit Venice and design a Carnevale mask as you learn how to say the different colors. Learn the parts of the body and names of favorite foods as well. Plant a tomato or basil seed. Discover your own name in Italian and sing the Italian alphabet song. You will not forget this amazing trip!

Outside The Box

Instructor: Nancy Stewart

Are you a creative thinker? Enjoy abstract art, music and poetry in this totally unique course. Boogie to the Philadelphia Chickens and rhyme yourself silly with Dr. Seuss, Ogden Nash, and other fun poets. Use bold colors and shapes like Wassily Kandinsky. Drizzle and throw paint like Jackson Pollack. Use recycled items to create artistic, unique masterpieces...just like you!

Painting

Instructor: Alicia Fine

Explore and develop your individual style as you learn the tools and terms of acrylic painting. Discover the magic of mixing colors. Paint your masterpieces on canvas as you experiment with brush techniques. Bring an object from home and transform it into a piece of art. You will be proud to display your finished work!

Party Etiquette

Instructor: Allie Boutin, Gold Star Manners

Learn to plan and host fun parties of your own as well as how to be the best guests at friends' parties. Party-hosting skills include deciding whom to invite in a fair manner, creating great invitations, working with parents to plan the time and theme of the party, etc. Acquire the skills and responsibilities of being a good host or hostess, including greetings and introductions, organizing activities that include all invitees, and writing thank-you cards. Also learn about RSVPs, proper attire and guest behavior, as well as formal and casual dining etiquette. On Friday, enjoy the party you have planned all week for your class and guests. \$10 materials fee.

Play Production

Instructor: Jeff Caron

This course is an introduction to the elements of live theatre. Participants will select a familiar story and create a short original play. Spend the week writing the script, exploring blocking and character development, and playing theater games that sharpen your acting skills. Then present your "world premiere" performance to family and friends on our air-conditioned stage on Friday.

Recycled Art

Instructor: Donna Cloney

Did you realize that many of the things that we throw away at home could actually be used to make exciting and useful art projects? Bring in things that you have "saved" and use our own treasure chest of "trash" to make creative, attractive and useful "new" items. For example, you might use toilet paper rolls to make napkin rings, bottle caps to make lockets, and plastic lids to make a set of coasters. All projects are yours to keep or may be given as gifts. Let's recycle and save money as well as our environment.

Remote Control

Instructor: John Biofare

Newton's First, Second and Third Laws of Motion are discussed and brought to life as you participate in projects and team competitions with your remote control and battery-powered vehicles. Build a test track, bridges, and an obstacle course to test your "driving" skills. Make a project each day to create a home obstacle course. Bring your own toys and/or use the many remote controlled vehicles provided for your use in our classroom. \$10 materials fee.

Rock Band

Instructor: Joe Wright

Here is what you have been waiting for: a chance to create and name your own rock band! Learn how a working band gets together, chooses and learns songs, and polishes them for performances. Listen to age-appropriate classic and modern rock tunes; learn to break down and analyze the music as you prepare for Kaleidoscope's first-ever rock concert on Friday. Some musical experience preferred (e.g. vocal, keyboard, guitar, bass or drums). Keyboards, drums and bass provided; you will need to bring your own guitar if you have one (acoustical or electric). Are you ready for this one-of-a-kind experience?

III PM Ages 3 1/2/4/5

Rocket Launch

Instructor: Dan Pinciak

Three. Two. One. Blast-off! Design and build your own engine-propelled rocket from scratch. Enjoy the excitement when your rocket takes off from our launch pad and soars into space. Experiments with other kinds of rockets while learning facts about rocket-flying and space. \$10 materials fee.

Science or Wizardry

Instructor: Linda Kane

Is seeing believing? Have you ever boiled water with your finger? Played a melody on a drinking straw? Taken a picture with the sun? Made your own kaleidoscope, twirling rainbow or salt sculpture? We'll be making amazing discoveries as we create and experiment with the elements around us. \$10 materials fee.

Science Sampler

Instructor: Matt Walsh

What is inside a rotten log? Amazing things that you discover as you conduct the "rotten log experiment." This science class offers "hands-on" activities covering exciting topics like magnetism, optical illusions and mirror magic, as well as water, wind and power. Indoor and outdoor experiences, including a nature hike, demonstrate the fascinating world of science. \$10 materials fee.

Scrapbooking

Instructor: Jaime Lane

Scrapbooking is a fun and creative way to preserve your memories. Bring photos from home as well as pictures from magazines. Use stickers, stamps, ribbons, colorful papers, etc. to create an amazing one-of-a-kind memory book! Discover a variety of scrapbooking tools such as design scissors, borders, backgrounds, pop-ups, and more. You and your family will enjoy your project for many years to come. \$10 materials fee.

Sculpture

Instructor: Linda Torossian

Ancient Greeks, Romans, and Egyptians all left timeless sculptures behind. Explore one of the most exciting art forms. Create unique objects that occupy space. Learn how to build an armature, model a clay sculpture, and how to carve from a solid block form. Pieces are painted and taken home at the conclusion of the week. Past products have been outstanding. \$10 materials fee.

Seuss on the Loose

Instructor: Beth Henrick

Explore a different Dr. Seuss book each day through exciting, age-appropriate projects and verse. Make a cat-in-the-hat of your own. Try yummy green eggs and ham like *Sam I Am*. Take the alphabet beyond zebra. Read *One Fish Two Fish Red Fish Blue Fish* and create an edible aquarium with colorful candy fish. Don't miss this colorful, creative class!

Sketchbook Skills

Instructor: Nancy Stewart

Do you love to draw? Do you want to get better? Learn about light and shadow, composition and style. Receive your own ring-bound 9"x12" sketchbook on the first day and fill it up with wonderful drawings. Use pencils, markers, chalk, crayons, and more. Note: Younger children taking this course must have a very good attention span. \$10 fee (for sketchbook).

Soccer Savvy

Instructor: Chris Munier

Kids experience new and exciting ways to develop foot-eye-hand coordination as they explore moving and stopping a ball with their feet. Play age-appropriate games designed to teach dribbling, passing and shooting skills to young children in a fun, non-competitive manner. All kids shine as they discover the magic of soccer and have great fun and exercise.

Solar System Science

Instructor: Jessyca Redler

Explore the solar system through games, songs, stories and crafts. Get physical exercise by trying the solar system stretch, taking lunar leaps and doing galactic gallops! Play "Sun Sun Moon" and create "Out in Space" booklets. Solve sky riddles. Make "planet crackers" and "moonshakes." Explore gravity and moon jumping as you use counting and other math skills.

Spanish I and II

Instructor: Leela Scanlon

Spanish I offers pre-school children an opportunity to explore the Spanish language through authentic nursery rhymes, games, finger plays and songs from many Spanish-speaking countries. In Spanish II, older children learn basic conversational Spanish, including numbers, colors, greetings and other simple phrases. Enjoy conversing with your fellow students. Discover the richness of the Spanish culture through related artwork, music and food.

Speakers' Platform

Instructor: Cynthia Bogatka

Would you like to gain more confidence in public speaking? Are you as comfortable as you want to be when talking in front of a group or your class? This is a valuable chance to build your skills in a safe, supportive setting. Learn to express your views about a variety of topics. Improve your ability to persuade others that your opinion is important. Become aware of phrases that you use too often by recording your words and analyzing them. Practice some basic interviewing and debating skills with a partner. Impress your teachers and peers when you return to school in the fall!

T-Shirt Madness

Instructor: Amy Pinciak

Have you ever noticed the amazing T-shirts that kids have been wearing at Kaleidoscope? In this course you will design a new T-shirt each day. Make one decorated with your favorite colored beads. Tie-dye another. Use paints and other materials to create a unique shirt for each day of the week! Bring three plain white shirts of your own and receive two free Kaleidoscope T-shirts in your choice of colors. Let the fashion madness begin! \$15 materials fee.

I AM Gr. 3/4/5/6

II AM Gr. 2/3/4/5

I PM Gr. 3/4/5/6

III AM Gr. 2/3/4/5

I PM Gr. 2/3/4

I PM Gr. K/1/2/3

II AM Ages 5/6/7

II PM Gr. 1/2/3

III AM Gr. 1/2/3

II AM Grades K/1/2

III AM Gr. K/1/2

III PM Grades 3/4/5/6

I PM Gr. 3/4/5

I AM Gr. 2/3/4/5

III PM Gr. 3/4/5/6

II PM Gr. 1/2/3

III AM Gr. 2/3/4

II PM Ages 5/6/7

III PM Gr. K/1/2

II AM Gr. 4/5/6

II PM Gr. 3/4/5

I PM Ages 5/6/7

III AM Ages 5/6/7

III PM Gr K/1/2

II PM Gr 3/4/5/6

II AM Gr. 3/4/5/6

I AM Ages 3/4

I AM Grades K/1/2

II PM Ages 4 1/2/5/6

II AM Ages 3/4

II PM Ages 3 1/2/4/5

II AM Gr. K/1/2/3

II PM Ages 4/5/6

I PM Gr. 4/5/6

I AM Gr. 4/5/6

II AM Gr. 1/2/3

