

Middlesex Community College's College for Kids provides children with an exciting range of unique opportunities to explore careers, gain new knowledge, develop new skills, meet new friends, and boost self-confidence. Our programs provide students with a safe and exciting place to learn on the Bedford and Lowell campuses using the vast open spaces in Bedford and the cultural and ethnic resources in Lowell. **Please note the recommended ages of each program carefully when registering your child.** The prices listed below includes materials and activities although some require additional fees for special field trips or supplies. This information is noted in the description. Pay close attention to the start times and end times, as they vary. Middlesex strives to employ either public school teachers or experts in the field.

For more information contact Lauren Ellis at 781-280-3669 or email ellisl@middlesex.mass.edu

Bedford Campus College for Kids

July 10-July 13

ACE: AVIATION AND SIMULATION (Ages 10-15)

Co-sponsored by the Federal Aviation Administration, Middlesex Community College is celebrating its 18th year hosting Aviation Career Education (ACE) for middle school students. In Aviation and Simulation, you will explore many of the possible aviation careers and meet experts from those fields. Learn the fundamentals of flight by designing, building, and testing your own model aircraft and rockets. On field trips, you will witness airport operations first-hand and learn more about what it takes to have "the right stuff." For an additional, optional fee of approximately \$60 your child will have the option to take an instructional flight; weather dependent. Details the first day.

YTH 610 30 8:30 a.m. – 4:30 p.m. BEDFORD \$363

FILM PRODUCTION (Ages 10-15)

Students will collaborate to produce a complete short film. Using professional, broadcast-quality equipment, as well as individual flip cameras campers will conceptualize, produce, direct, and act in a light-hearted thriller. Over the course of a week, students will learn hands-on how a film is made from story to screen. In addition, a small amount of time will be spent viewing classic movies and discussing/critiquing.

YTH 650 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

CARTOONING (Ages 10-15)

Join us for an adventure in cartooning! Explore the fundamental skills involved in creating cartoons. We will discuss illustration styles and tips and tricks used by professionals in the industry. Facial expressions, figure drawing, composition, perspective and background will also be covered.

YTH 647 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

EXPLORING ACRYLIC PAINTING (Ages 10-15)

Students will be given the opportunity to explore the world of color mixing and acrylic painting. We'll start off the course getting to know each other and learning about color theory and mixing as well as experimenting with different acrylic painting techniques. Create several acrylic paintings during the course. We will work from our imagination as well as from observation while creating our paintings. This course will be great for students who love to paint but don't have the chance to explore this medium during the school year.

YTH 719 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

July 17-July 20

EXPERIENCE WRITING (Ages 8-12)

From pavement to paper, we will approach the writing process via daily adventurous field trips and experiences. This odyssey will entail surveying several forms of writing and producing a portfolio as a memento of your daily field trips and activities. Students will gain a stronger grasp of grammar concepts, creative writing techniques, and essay format. Confident and emerging writers with a sense of adventure and a love of learning new things are encouraged to attend. All activities included in the cost.

YTH 634 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

CODING FOR KIDS (Ages 8-12)

Learning how to build simple websites and games help children with problem solving, design and logic. Using free software that your child can then use at home, we will explore various sites designed to introduce kids to the world of coding.

YTH 691 30 9:00 a.m. – 12:00 p.m. BEDFORD \$166

VETERINARY EARLY TRAINING (Ages 8-12)

Do you love animals and want to learn about veterinary medicine? VET class will expose you to various career fields available in veterinary medicine. We'll investigate how animals benefit our society, how to care for large and small animals as well as animal rights. This camp is intended for the student with a love of animals and an interest in pursuing veterinary training. All field trips and transportation included in the cost.

YTH 618 30 8:30 a.m. – 4:30 p.m. BEDFORD \$353

ACE: AVIATION AND SIMULATION (Ages 10-15) *See prior description for details about this program. (page 2)*

YTH 610 31 8:30 a.m. – 4:30 p.m. BEDFORD \$363

SPORTS AND RECREATION (Ages 10-15)

Don't miss this chance to experience and participate in a wide variety of fitness opportunities, including basketball, soccer, volleyball, croquet, badminton, ultimate Frisbee, Frisbee golf, ping pong, kickball, whiffle ball, 4-Square, hiking, flag football, capture the flag, and more! Kids will have the chance to experience some of these activities for the first time or develop their current skills. Days will be full, jam-packed with action, movement, and physical activity! Introductory in nature, activities will focus on recreation and fun rather than competition. All skill levels and abilities welcome – all equipment will be provided.

YTH 681 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

CALLING ALL EXPLORERS (Ages 8-12)

Come explore the world with us! We will use Google Maps, and Google Earth and other free mapping tools to virtually explore the world. Volcanoes, Shipwrecks, Sharks, and Whales will all be found as we explore the Earth and under the sea! Dive into a glass bubble on the other side of the planet, and have a look around. Learn how to make your own maps and save them. We will even go into space via Google Moon, Mars, Sky, and the NASA website. **All participants must have a Google/Gmail account set up prior to camp starting as they will need to have their log in information available during the program.**

YTH 718 30 1:00 p.m. – 4:00 p.m. BEDFORD \$166

July 24-July 27

LEGOMINDSTORMS EV3 (Ages 8-12)

NEW! Lego Mindstorms EV3. MCC has purchased Mindstorms sets to explore and build with this summer! In this program, kids will learn basics of robot building and programming. Kids are put into teams of four and presented daily challenges. You will then have to design, build, and test your robot in a fun and competitive atmosphere. Bring your imagination as you work closely in a team to create a competitive robotic masterpiece.

YTH 621 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

WEB DESIGNING FOR BEGINNERS (Ages 10-15)

Web Design introduces you to Adobe Photoshop & Dreamweaver through step-by-step tutorials and interactive exercises. Adobe Photoshop basics are taught using the drawing, paintbrush and selection tools as well as a variety of graphic file formats. Hands-on experience with Dreamweaver will provide you with the basic toolset to add content and design elements such as colors, text, images, image rollovers and tables to your personal web pages. This is for beginners although students should have experience with computers to be successful. Class is located in a MAC lab on campus.

YTH 628 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

CASE STUDIES IN VETERINARY MEDICINE (Ages 10-15)

If you have taken Veterinary Early Training or have volunteered in local animal hospitals or vet clinics, this is for you. This advanced program is designed for the animal enthusiast with a serious interest in veterinary medicine. You will build on your veterinary knowledge through interactions with local veterinary professionals, a dissection in MCC's science labs and more! We recommend that only serious students attend. All materials and transportation to area establishments are included in the cost of the program.

YTH 622 30 8:30 a.m. – 4:30 p.m. BEDFORD \$353

SPORTS AND RECREATION (Ages 10-15) *See prior description for details about this program. (above)*

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| YTH 681 31 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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EXPERIENCE WRITING (Ages 12-15) *See prior description for details about this program. (page 2)*

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| YTH 634 31 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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DIGITAL PHOTOGRAPHY (Ages 10-15)

Explore the amazing world of digital photography. You will learn about photo composition, lighting, editing and digital photography software. Some picture-taking experience is helpful, but not necessary. There will be photo assignments, a field trip and time spent in the computer lab enhancing your images. Bring your own digital camera with available memory each day and a portable memory stick. All field trips cost are included in the cost.

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| YTH 623 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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July 31-August 3

MINECRAFT (Ages 8-12)

Typically, kids play Minecraft at home with little to no direction or goals in mind. Now, approach gameplay from a new angle to learn how to think critically about your work with the infinite possibilities of the game. Create themes, storylines, dialog between characters, objectives, goals, and more. Most anything imaginable can be performed in Minecraft. It is the epitome of creativity—limitless opportunity to build, discover, and problem-solve. In recent years, the game has gained traction as an educational tool, acknowledged by many as an important vehicle for engaging kids in STEM (Science, Technology, Engineering, and Math) fields such as programming, video game design & development, level design, and more. There will be supervised breaks with outdoor activities planned.

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| YTH 695 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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ENGINEERING HOVERCRAFTS (Ages 10-15)

It's true! Engineering can be fun and exciting! It can also be both educational and fun to learn. This project-based course provides an introduction to the basic concepts and fundamentals of engineering. The first day you will learn how to problem solve, brainstorm, and design by using the engineering design process. As the week progress, the “young engineers”, will then apply their new knowledge to build a hovercraft as a team of four students. The week culminates with hovercraft races!

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| YTH 670 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$363 |
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LEGOMINDSTORMS EV3 (Ages 8-12) *See prior description for details about this program. (page 3)*

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| YTH 621 31 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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IMPROV (Ages 10-12)

Get ready for a week of laughs! This one week program will explore the fundamentals of improvisation by developing support, trust, risk taking, and confidence with each young actor. This means developing not only a quick-wit but some physical comedy as well. Everyone will participate in many exciting and fun theater games, movement exercises, and ensemble-building activities that will culminate with a live improvised performance. Learning improv is a valuable skill both on and off the stage. Real life is improvised after all.

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| YTH 697 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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CASE STUDIES IN VETERINARY MEDICINE (Ages 10-15) *See prior description for details about this program. (page 3)*

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| YTH 622 31 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$353 |
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WEB DESIGNING FOR BEGINNERS (Ages 10-15) *See prior description for details about this program. (page 3)*

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|-------------------|------------------------------|----------------|--------------|
| YTH 628 31 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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August 7-August 10

LEGOMINDSTORMS EV3 (Ages 8-12) *See prior description for details about this program. (page 3)*

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| YTH 621 32 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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MINECRAFT (Ages 8-12) *See prior description for details about this program. (page 3)*

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|-------------------|------------------------------|----------------|--------------|
| YTH 695 31 | 8:30 a.m. – 4:30 p.m. | BEDFORD | \$312 |
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ALL ABOUT SCIENCE! (Ages 8-12)

Experiments? Rockets? Cool chemical reactions? Animal Care? Forensics? Geology? Come to All about Science for a medley of fun activities. Learn how science works in the real world. A portion will involve children overcoming challenges the instructor presents to the group. Maybe simple machines, maybe catapults, maybe fingerprint identification. You never know what you will discover in All About Science!

YTH 639 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

CAKES & CUPCAKES (Ages 10-15)

Tap into your creative side! Learn cake and cupcake decorating tips in this exciting class! Each day you will go home with new techniques and ideas for all types of special occasions or just everyday fun! Due to the nature of this program, we are not able to accommodate students with food allergies. Each family is responsible for a \$35 supply fee payable directly to the instructor on the first day. (Cash or Check only)

YTH 677 30 9:00 a.m. – 12:00 p.m. BEDFORD \$196

August 14-August 17

CODING FOR KIDS (Ages 8-12) *See prior description for details about this program. (page 3)*

YTH 691 31 9:00 a.m. – 12:00 p.m. BEDFORD \$166

STOP MOTION/iMOVIE (Ages 8-12)

Create sets, design backgrounds, develop characters and create your own stop motion movies. Using iMovie, we will add sound effects and voiceovers, music and titles. **Kids should bring their own iPhone, iPad or iPod with Lego Movie Maker and Google Drive installed (these are free apps). In addition, please install iMovie and bring a cable.** This will ensure the kids can complete projects at home. We will also be using iMovie on campus in our MAC lab.

YTH 692 30 1:00 p.m. – 4:00 p.m. BEDFORD \$166

For kids that wish to take BOTH Coding for Kids and Stop Action/iMovie programs, there will be childcare available in between the two offerings from 12 p.m. – 1 p.m.

MINECRAFT (Ages 8-12) *See prior description for details about this program. (page 4)*

YTH 695 32 8:30 a.m. – 4:30 p.m. BEDFORD \$312

ALL ABOUT SCIENCE! (Ages 12-15) *See prior description for details about this program. (page 4)*

YTH 639 31 8:30 a.m. – 4:30 p.m. BEDFORD \$312

CAKES & CUPCAKES (Ages 10-15) *See prior description for details about this program. (above)*

There is a \$35 supply fee payable to the instructor for this program the first day. Check or Cash only.

YTH 677 31 9:00 a.m. – 12:00 p.m. BEDFORD \$196

FILM PRODUCTION (Ages 10-15) *See prior description for details about this program. (page 2)*

YTH 650 31 8:30 a.m. – 4:30 p.m. BEDFORD \$312

FUN WITH GAMES (Ages 10-15)

Children will enjoy the excitement and fun of a variety of different games, ranging from card and board games to parlor type games. Children will use and gain experience in problem solving skills and teamwork building, as well as tapping into their creative sides. During the week, children will not only play a variety of new and different games, they will also create and design their own game from scratch.

YTH 717 30 8:30 a.m. – 4:30 p.m. BEDFORD \$312

Lowell Campus College for Kids

July 10-July 13

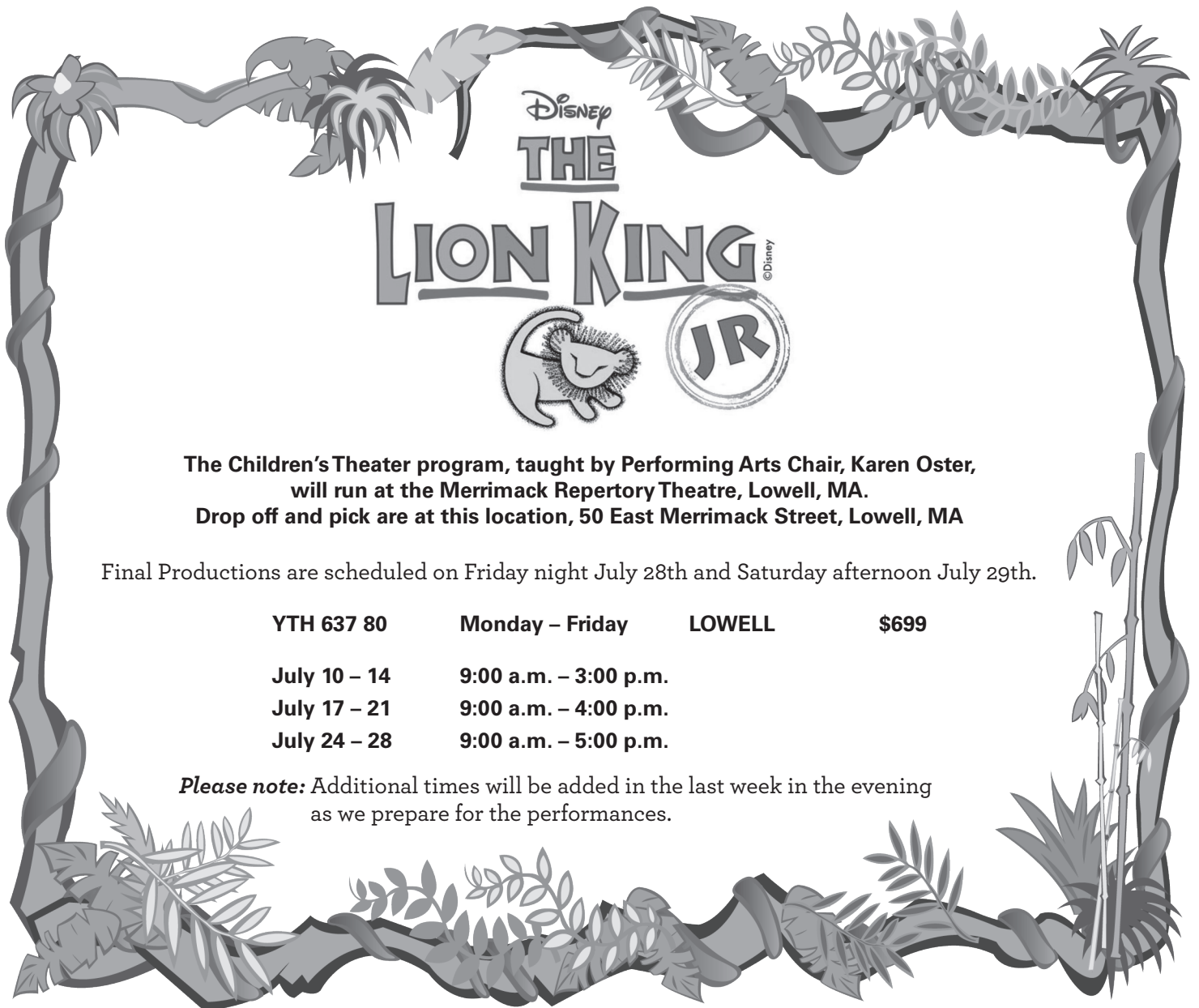
FASHION DESIGN (Ages 10-15)

Are you interested in the texture, style and design of clothing? If so, then this is for you! We will explore fashion tools and techniques to help you develop your own style and express your individual creativity. Lowell, a city rich with textile history and tradition, is an ideal setting. The students will lunch at a local restaurant one day (there will be an additional fee of approximately \$12 for lunch.) Each student will receive an original gown donated by a local bridal shop to transform. We will display our creations at a fashion show on the final day.

YTH 614 80 9:00 a.m. – 4:00 p.m. LOWELL \$332

July 10-July 29

CHILDREN'S THEATER PRESENTS: THE LION KING, JR. (Ages 10-15)



The Children's Theater program, taught by Performing Arts Chair, Karen Oster, will run at the Merrimack Repertory Theatre, Lowell, MA. Drop off and pick are at this location, 50 East Merrimack Street, Lowell, MA

Final Productions are scheduled on Friday night July 28th and Saturday afternoon July 29th.

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| YTH 637 80 | Monday – Friday | LOWELL | \$699 |
| July 10 – 14 | 9:00 a.m. – 3:00 p.m. | | |
| July 17 – 21 | 9:00 a.m. – 4:00 p.m. | | |
| July 24 – 28 | 9:00 a.m. – 5:00 p.m. | | |

Please note: Additional times will be added in the last week in the evening as we prepare for the performances.

College for Kids Enrollment

All registration and payment is made online for College for Kids programs. Registration is through CampDoc.com. Please refer to the MCC webpage for link and instructions: <https://www.middlesex.mass.edu/collegeforkids/>

For any questions or concerns please contact Lauren Ellis at 781-280-3669 or 781-280-3663 or ellisl@middlesex.mass.edu

Note to Parents

- Sections often fill quickly. To avoid disappointment, we encourage you to register early.
- For your child's safety and optimal learning experience, please honor the age requirement.
- Our programs are educational and career oriented. Our goal is to provide a safe and fun learning environment. All students must demonstrate behavior consistent with this goal.
- MCC College for Kids complies with the minimum Department of Public Health standards required for Recreational Programs for Children.
- College for Kids programs are not eligible for tuition waivers.
- All participants are responsible for bringing their lunches daily. There will be no cafeteria access, only vending machines will be available.

Refunds

When a student drops or withdraws from a program, processing, instructional and other cost must be met by the college. Therefore, refund for official withdrawals are as follows:

All College for Kids programs:

30 or more days prior to start date100% of tuition minus \$15 processing fee

Less than 30 days prior to start date50% of tuition minus \$15 processing fee

First day or after.No refunds available

To be eligible for a refund, students MUST notify the Community Education and Training at 781-280-3663/781-280-3669 or ellisl@middlesex.mass.edu. Refunds must also be initiated through the online enrollment system, CampDoc. Instructors are not responsible for reporting decisions to withdraw. Lack of attendance, course abandonment or failure to make or complete payment does not constitute official withdrawal and will be charged full tuition.

In cases where MCC cancels a program a 100% refund will be made. Community Education and Training reserves the right to cancel programs for which there is insufficient enrollment and to reschedule programs, to change instructors, to change locations and to take their administrative actions as necessary. Refunds are not automatically warranted based on these changes. The above refund policy applies to College for Kids programs only.

Middlesex reserves the right to make changes in policy and regulations at any time as circumstances dictate.

College for Kids Program Cancellations

College for Kids Programs are sometimes canceled. When circumstances permit, we notify the student of the cancellation approximately 30 days prior to start date. Our staff will gladly help you select an alternate program or expedite a refund.