College for Kids 2019

Summer Programs for Ages 8 to 17

July 8 - August 15
About Us

Middlesex Community College, through the division of Community Education and Training, offers a variety of pre-college activities and educational programs for youth. Exceptional programs are delivered and developed to empower and guide youth as they reach personal goals and achieve academic and professional success. Vacation Week, after school and summer programs are offered at the Bedford and Lowell campuses.

WHY CHOOSE COLLEGE FOR KIDS SUMMER PROGRAMS AT MIDDLESEX COMMUNITY COLLEGE?

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. All of our programs are staffed by experienced educators at the K-12 level, college faculty or subject matter experts working in a particular field. For more information or questions call Program Manager, Lauren Ellis, 781-280-3669 or 3663 or via email at: ellisl@middlesex.mass.edu

General Information

PROGRAM HOURS
We have full day and half day programs that vary in times. Full day programs run Monday-Thursday from 8:30am-4:30pm and 9am-4pm. Half day programs run Monday-Thursday from 8:30am-12pm and 1pm-4pm. If you choose two half day programs to make a full day, your child can stay on campus for lunch in between the two sessions.

Please note: the MCC Theatre programs are Monday-Friday.

SIGN IN/SIGN OUT
Youth must be escorted by parents or guardians to be signed in and out daily. Parents, please be sure to list all authorized pick up persons with your online registration. All sign in and sign out for Bedford programs will take place at the Campus Center, Building #8, 591 Springs Rd., Bedford, MA and in Lowell at the Carol Cowan Building, 33 Kearney Square, Lowell, MA.

<table>
<thead>
<tr>
<th>SIGN-IN</th>
<th>SIGN-OUT</th>
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<tbody>
<tr>
<td><strong>Program Start</strong></td>
<td><strong>Sign-in Begins</strong></td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>8:15 a.m.</td>
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<tr>
<td>9:00 a.m.</td>
<td>8:45 a.m.</td>
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<tr>
<td>10:00 a.m.</td>
<td>9:45 a.m.</td>
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<tr>
<td>1:00 p.m.</td>
<td>12:45 p.m.</td>
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</table>
We do not offer extended day care options. If you are going to be late in picking up your child you will need to call the College for Kids Director, Lauren Ellis, 781-280-3669 or email: ellisl@middlesex.mass.edu. A **late fee will be assessed at a rate of $10 for every 5 minutes after the program end time.** This charge will be added automatically to your campdocs account.

<table>
<thead>
<tr>
<th>PROGRAM LOCATIONS</th>
<th>Bedford Campus</th>
<th>Lowell Campus</th>
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<tbody>
<tr>
<td></td>
<td>591 Springs Road</td>
<td>33 Kearney Square</td>
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<tr>
<td></td>
<td>Bedford, MA 01730</td>
<td>Lowell, MA 01852</td>
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**ENROLLMENT**
All enrollment is done online via www.campdoc.com. Registration is on a first come first serve basis. Pre-registration is required for all programs. Flexible registration-1 week or 6 weeks, you choose how many weeks you need. Your child will be considered registered upon completion of profile, and payment for each program selected.

**REQUIRED DOCUMENTATION**
Immunization records are to be submitted prior to the start of all programs and by the required specified date. For all programs that take place in July immunization records must be uploaded to your campdocs account no later than June 15, 2019. For all programs that take place in August immunization records must be uploaded to your campdocs account no later than June 29, 2019.

**SAFETY AND DISCIPLINE**
Please review the Parent Information Brochure located at https://www.middlesex.mass.edu/collegeforkids/summer.aspx with your child prior to first day of the program. Youth will be notified of the safety rules and expectations of being on a college campus on the first day of the program during the Morning Meeting. Youth will be reminded to make safe choices and will be responsible for the decisions they make.

Please do not send your sick child to the program.

Discipline problems will be handled in the following manner:
1. Individual behavior problems will be handled by all program instructors and co-instructors.
2. If problem persists, the child will be referred to the College for Kids Director or Assistant to the Director and parents will be notified.
3. If problem continues to exist, the child will be dismissed from the program and not permitted to return.
   Refunds will not be granted if the child is dismissed from the program. Dismissal from the program may occur at the discretion of the College for Kids Director.

**HOW TO REACH US**

<table>
<thead>
<tr>
<th>Phone</th>
<th>Email</th>
</tr>
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<tbody>
<tr>
<td>781-280-3669</td>
<td><a href="mailto:ellisl@middlesex.mass.edu">ellisl@middlesex.mass.edu</a></td>
</tr>
<tr>
<td>781-280-3663</td>
<td><a href="mailto:career_training@middlesex.mass.edu">career_training@middlesex.mass.edu</a></td>
</tr>
<tr>
<td><a href="https://www.middlesex.mass.edu/collegeforkids/summer.aspx">https://www.middlesex.mass.edu/collegeforkids/summer.aspx</a></td>
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</table>
### College for Kids Programs At-A-Glance

<table>
<thead>
<tr>
<th>Ages</th>
<th>8 - 11/12</th>
<th>10 - 14/15</th>
<th>12/13 - 16/17</th>
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</thead>
<tbody>
<tr>
<td><strong>Week 1</strong></td>
<td>Creative Sculpture (B)</td>
<td>Creative Writing (B)</td>
<td>Fashion Design (L)</td>
</tr>
<tr>
<td>7/8-7/11</td>
<td>Minecraft (B)</td>
<td>Cartooning (B)</td>
<td>Medical Laboratory Science (L)</td>
</tr>
<tr>
<td></td>
<td>MCC Theatre Frozen Jr. (L)</td>
<td>Aviation (B)</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>DIY Crafts (B)</td>
<td></td>
</tr>
<tr>
<td><strong>Week 2</strong></td>
<td>Exploration Art Studio (B)</td>
<td>Choreography (B)</td>
<td>Career Exploration (L)</td>
</tr>
<tr>
<td>7/15-7/18</td>
<td>Choreography (B)</td>
<td>Aviation (B)</td>
<td></td>
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<tr>
<td></td>
<td>Intro to Veterinary Science (B)</td>
<td>Film Production (B)</td>
<td></td>
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<tr>
<td></td>
<td>MCC Theatre Frozen Jr. (L)</td>
<td>Engineering Hovercrafts (B)</td>
<td></td>
</tr>
<tr>
<td><strong>Week 3</strong></td>
<td>Fashion Design &amp; Jewelry (B)</td>
<td>Digital Photography (B)</td>
<td>Painting like the Masters (B)</td>
</tr>
<tr>
<td>7/22-7/25</td>
<td>Lego Robotics &amp; Battlebots (B)</td>
<td>Painting on the Surreal Side (B)</td>
<td>Case Studies Vet Medicine (B)</td>
</tr>
<tr>
<td></td>
<td>Coding for Kids (B)</td>
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<td></td>
<td>Calling All Explorers (B)</td>
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<tr>
<td></td>
<td>MCC Theatre Frozen Jr. (L)</td>
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<tr>
<td><strong>Week 4</strong></td>
<td>Artwork in the Making (B)</td>
<td>Web Design (B)</td>
<td>All About Science (B)</td>
</tr>
<tr>
<td>7/29-8/1</td>
<td>Minecraft (B)</td>
<td>Experience Writing (B)</td>
<td>Advanced Digital Photo (B)</td>
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<tr>
<td></td>
<td></td>
<td>Brain Games (B)</td>
<td>MCC Theatre Urinetown (L)</td>
</tr>
<tr>
<td><strong>Week 5</strong></td>
<td>Lego Robotics &amp; Battlebots (B)</td>
<td>Wonders of the World (B)</td>
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<tr>
<td>8/5-8/8</td>
<td>Creative Drawing (B)</td>
<td>Farm to Table Healthy Eats (B)</td>
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<tr>
<td></td>
<td>Intro to Veterinary Science (B)</td>
<td>Cakes &amp; Cupcakes (B)</td>
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<td></td>
<td>Mixed Media (B)</td>
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<tr>
<td><strong>Week 6</strong></td>
<td>Coding for Kids (B)</td>
<td>Experience Writing (B)</td>
<td>Case Studies Vet Medicine (B)</td>
</tr>
<tr>
<td>8/12-8/15</td>
<td>Calling All Explorers (B)</td>
<td>Brain Games (B)</td>
<td></td>
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<tr>
<td></td>
<td>LEGO City Planning (B)</td>
<td>Cakes &amp; Cupcakes (B)</td>
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<td>IMPROV (L)</td>
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_L = Lowell Campus  B = Bedford Campus_

### Registration

1. Online. Go to: www.campdoc.com
2. Create and complete profile for each child you are registering
3. Choose programs and remit payment via credit card or debit card
4. Submit Immunization records

Note: spaces will not be held without payment.
### Week 1: July 8th - 11th

**FASHION DESIGN (AGES 12-16)**

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. 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 |

**NEW MEDICAL LABORATORY SCIENCE (AGES 12-16)**

What is Medical Laboratory Science? This program will inspire, prepare and motivate a diverse community of learners to think about entering the field of Laboratory Medicine with the tools and knowledge to contribute positively to the healthcare field. Students will learn entry level medical laboratory techniques and perform routine lab testing in a hands-on environment and through various activities. If you love to do experiments and can see yourself working in a lab setting then this program is for you. A walking field trip to a local hospital is planned to see what a true lab setting looks like and to see the action, up close.

| YTH 726 80 | 9:00 a.m. – 4:00 p.m. | LOWELL | $332 |

**NEW CREATIVE WRITING (AGES 10-15)**

Calling all writers! Creative writing is for anyone looking to have fun and be creative with their writing. Whether you enjoy writing stories, poems, scripts, or screenplays, Creative Writing will help develop your skills as an up and coming writer. Students will learn how to develop characters, use descriptive language, improve figurative language and generate ideas while writing, editing and self-publishing their work.

| YTH 755 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | $312 |

**NEW CREATIVE SCULPTURE (AGES 8-12)**

In this new course, young artists will combine engineering with art to create imaginative sculptures with recycled materials. Along with individual art pieces, an outdoor collaborative group work sculpture will be designed and constructed.

| YTH 749 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | $312 |

**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.

| YTH 695 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | $312 |
### NEW DIY CRAFTS (AGES 10-15)

Calling all crafters! Do you like to paint, draw, sculpt or create? If so, this course is for you! Students will use their “Do it yourself” attitude to create one of a kind crafts for their rooms. From pom-pom rugs to picture frame secret hide-a-ways you will create pieces that will fit into any room. $30 materials fee for supplies (cash or check) due to instructor on July 8.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YTH 758 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$312</td>
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</tbody>
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### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YTH 647 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$312</td>
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### ACE: AVIATION & SIMULATION (AGES 10-15)

Co-sponsored by the Federal Aviation Administration, Middlesex Community College is celebrating its 20th year hosting Aviation Career Education (ACE). 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 fee of approximately $60 your child will have the option to take an instructional flight offsite weather dependent. Details provided the first day of class.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YTH 610 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$363</td>
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</tbody>
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### MCC CHILDREN’S THEATER, FROZEN JR. (AGES 8-15)

The Children’s Theater program, taught by Performing Arts Chair, Karen Oster. Drop off and pick up are at not at this location but instead the Carol Cowan Building, 33 Kearney Square, Lowell, MA. Final productions are scheduled on Friday night July 26th and Saturday afternoon July 27th. There will be an additional fee of $50 payable to the instructor, Karen Oster, via cash or check. The fee covers the cost of additional supplies and complimentary tickets for entrance to the performances.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YTH 770 80</td>
<td>Monday – Friday</td>
<td>LOWELL</td>
<td>$699</td>
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<td></td>
<td>July 8 – 12</td>
<td>9:00 a.m. – 3:00 p.m.</td>
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<td></td>
<td>July 15 – 19</td>
<td>9:00 a.m. – 4:00 p.m.</td>
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<td></td>
<td>July 22 – 27</td>
<td>9:00 a.m. – 5:00 p.m.</td>
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Please note: Additional times will be added in the last week and in the evening as we prepare for performances. More detailed information will be given the first day of the program, as there will be parent meeting.
### Week 2: July 15th - 18th

<table>
<thead>
<tr>
<th>NEW</th>
<th>CAREER EXPLORATION (AGES 13-17)</th>
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</thead>
<tbody>
<tr>
<td>Don’t wait to start exploring your future. Come to this hands-on exploration class where you will boost your self-confidence as you identify your skills and interests, discover employment options that fit your personality and meet some local employers to start your network.</td>
<td></td>
</tr>
<tr>
<td>YTH 763 80</td>
<td>10:00 a.m. – 1:00 p.m.</td>
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<table>
<thead>
<tr>
<th>NEW</th>
<th>INTRODUCTION TO VETERINARY SCIENCE (AGES 8-11)</th>
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<tbody>
<tr>
<td>Do you love animals and want to learn more about veterinary medicine? If yes, this course is for you. The class will expose you to various fields available in the veterinary and animal science field. We will investigate how animals benefit our society and how to care for small and large animals with hands-on activities and a field trip.</td>
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<tr>
<td>YTH 757 31</td>
<td>8:30 a.m. – 4:30 p.m.</td>
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<thead>
<tr>
<th>NEW</th>
<th>EXPLORATION ART STUDIO (AGES 8-12)</th>
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</thead>
<tbody>
<tr>
<td>In this exciting new class, get ready to explore what interests you! A variety of art materials will be at your disposal to fully create with the assistance of a professional artist. Whether it is painting, drawing, printmaking or mixed media there is something that will spark your imagination and creativity.</td>
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<tr>
<td>YTH 750 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
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<tr>
<th>NEW</th>
<th>CHOREOGRAPHY (AGES 8-16)</th>
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<tbody>
<tr>
<td>This program is great for the dancer wanting to explore a variety of styles of dance while learning how to use their own creative voice. Daily, we will focus on building and strengthening techniques as well as student choreography. Techniques learned will be Ballet, Modern Dance, Jazz, Hip Hop and a few others. If you love all styles of dance this program is for you! All dance levels welcome!</td>
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<tr>
<td>YTH 756 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
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<tr>
<th>ACE: AVIATION &amp; SIMULATION (AGES 10-15)</th>
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<tr>
<td>Co-sponsored by the Federal Aviation Administration, Middlesex Community College is celebrating its 20th year hosting Aviation Career Education (ACE). 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 fee of approximately $60 your child will have the option to take an instructional flight offsite weather dependent. Details provided the first day of class.</td>
</tr>
<tr>
<td>YTH 610 31</td>
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</tbody>
</table>
### 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 children 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 |

### 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!

| YTH 670 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | $363 |

### Week 3: July 22nd - 25th

#### CALLING ALL EXPLORERS (AGES 9-12)

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. Go to a world-famous museum from your desk chair. We will even go into space via Google Moon, Mars, Sky, and the NASA website. We will learn about Skyscrapers and then further learn about Geography through a Breakout EDU game (which simulates an Escape Room brain puzzle activity). **All participants must have a Google/Gmail account set up prior to starting as they will need to have their log in information available during the program.**

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

#### CODING FOR KIDS (AGES 9-12)

Learning how to build simple games helps 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. Kids can earn badges for trying different skills and apps. **All participants leave with a list of apps and websites they can use at home.**

| YTH 691 30 | 8:30 a.m. – 12:00 p.m. | BEDFORD | $166 |

#### PAINTING LIKE THE MASTERS (AGES 12-15)

Students will learn about four different Master Artists in history. We will explore what their style is like, then create a painting in the style of that Master Artist. The materials we will use will be acrylic paints on canvas. Each student will complete at least four paintings in the style of four different artists. Students will learn to recognize differences between styles of artists and create their own style.

<p>| YTH 725 30 | 8:30 a.m. – 12:00 p.m. | BEDFORD | $196 |</p>
<table>
<thead>
<tr>
<th>NEW</th>
<th>FASHION DESIGN &amp; JEWELRY (AGES 9-12)</th>
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<tbody>
<tr>
<td>Do you love to accessorize your clothing? Learn how to create jewelry that suits your style, whether it be a necklace, a pair of earrings, a bracelet or a bag. At the end of the week children will showcase all of the accessories they have made.</td>
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<tr>
<td>YTH 731 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
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<thead>
<tr>
<th>NEW</th>
<th>LEGOMINDSTORMS ROBOTICS &amp; BATTLEBOTS (AGES 8-12)</th>
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<tbody>
<tr>
<td>Students will work together using the latest LegoMindstorms EV3 system to complete challenges every day. Each day will incorporate new sensors and programming instruction until the end of the week, when students will work in teams to build, program and battle their own robots!</td>
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<td>YTH 754 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
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<table>
<thead>
<tr>
<th>NEW</th>
<th>PAINTING ON THE SURREAL SIDE (AGES 10-15)</th>
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<tbody>
<tr>
<td>In this fantastical acrylic painting class students will create surrealist artwork inspired by the famous artist Salvador Dali. Students will enjoy a little art history while practicing their Dali painting techniques. Movement breaks and fun games will also take place. It is sure to be a surreal experience.</td>
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<tr>
<td>YTH 751 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
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<thead>
<tr>
<th>INTRO TO DIGITAL PHOTOGRAPHY (AGES 10-14)</th>
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<tbody>
<tr>
<td>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. <strong>Bring your own digital camera with available memory each day and a portable memory stick. All field trips cost are included in the cost.</strong></td>
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<td>YTH 623 30</td>
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<tr>
<th>CASE STUDIES IN VETERINARY MEDICINE (AGES 12-16)</th>
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<tbody>
<tr>
<td>If you have taken Introduction to Veterinary Science or have volunteered in local animal clinics or facilities, this is for you. This advanced program is designed to immerse the animal enthusiast with a serious interest in veterinary science to the world of veterinary medicine through the utilization of case studies. You will build your knowledge through interactions with local professionals, laboratory experiments, field trips and more.</td>
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<td>YTH 622 30</td>
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# New

## Brain Games (Ages 10-15)

Through a blend of fun activities and new scientific research, youth will learn how their brain impacts their behavior. Topics will include sensation and perception, with an emphasis on vision, color, light and optical illusions. Youth will also make connections to their own learning styles through understanding memory mechanics in the brain, as well stress-coping mechanisms.

| YTH 733 30 | 1:00 p.m. – 4:30 p.m. | Bedford | $166 |

## Experience Writing (Ages 10-15)

From pavement to paper, we will approach the writing process via daily adventures and experiences. This odyssey will entail surveying several forms of writing and producing a portfolio as a memento of daily 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. – 12:00 p.m. | Bedford | $166 |

## Minecraft (Ages 8-12)

Through a blend of fun activities and new scientific research, youth will learn how their brain impacts their behavior. Topics will include sensation and perception, with an emphasis on vision, color, light and optical illusions. Youth will also make connections to their own learning styles through understanding memory mechanics in the brain, as well stress-coping mechanisms. 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 a 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.

| YTH 695 31 | 8:30 a.m. – 4:30 p.m. | Bedford | $312 |

## New

## Advanced Digital Photography (Ages 12-17)

Advanced Digital Photography is designed for the student who is seriously interested in the practical experience of art photography. Students will be introduced to new photographers, digital artists, and more sophisticated techniques as points of departure to create work reflecting, individual spirit and vision. By exploring photographic and digital media with the camera and computer, students will be able to develop a body of work that reflects a range of problem solving ideation and develops versatility with techniques to demonstrate their abilities. Field trip is included in the cost of the program. **Students must bring a SLR digital camera, cell phones and point & shoot cameras are not allowed to be used.**

<p>| YTH 762 30 | 8:30 a.m. – 4:30 p.m. | Bedford | $312 |</p>
<table>
<thead>
<tr>
<th>ARTWORK IN THE MAKING (AGES 8-11)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Children will have a blast creating and exploring mixed media and a diverse variety of art. Learners will be given the opportunity to experiment with a variety of materials and tools to create several different art pieces. Each student’s personal interest and unique abilities are embraced in an atmosphere where everyone is encouraged to learn from each other. Students will have an opportunity to work on an ongoing collaborative outdoor art piece. A field trip is included with this program.</td>
</tr>
</tbody>
</table>

| YTH 723 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | $312 |

<table>
<thead>
<tr>
<th>ALL ABOUT SCIENCE (AGES 12-16)</th>
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</thead>
<tbody>
<tr>
<td>Channel your inner scientist by learning through experiments. We will experience our way through popular topics in chemistry, biology, physics, and animal science. Learn how science works in the real world! You never know what you will discover in All About Science.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>WEB DESIGN FOR BEGINNERS (AGES 10-15)</th>
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<tbody>
<tr>
<td>Web Design introduces you to Adobe Photoshop &amp; 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.</td>
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</tbody>
</table>

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

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<thead>
<tr>
<th>MCC CHILDREN’S THEATER, URINETOWN (AGES 14-17)</th>
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<tbody>
<tr>
<td>The Children’s Theater program, taught by Performing Arts Chair, Karen Oster. Drop off and pick up are at not at this location but instead the Carol Cowan Building, 33 Kearney Square, Lowell, MA. Final productions are scheduled on Friday night August 9th and Saturday August 10th. There will be an additional fee of $50 payable to the instructor, Karen Oster, via cash or check. The fee covers the cost of additional supplies and complimentary tickets for entrance to the performances.</td>
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</table>

| YTH 769 80 | Monday – Friday | LOWELL | $599 |

<table>
<thead>
<tr>
<th></th>
<th>July 29 – August 2</th>
<th>9:00 a.m. – 4:00 p.m.</th>
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<tbody>
<tr>
<td></td>
<td>*Additional rehearsal Saturday, August 3, 12:00 p.m. – 5:00 p.m.</td>
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<tr>
<td></td>
<td>August 5 – 10</td>
<td>9:00 a.m. – 4:00 p.m.</td>
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Please note: Additional times will be added in the last week and in the evening as we prepare for performances. More detailed information will be given the first day of the program, as there will be parent meeting.
### Week 5: August 5th - 8th

**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 August 5th (Cash or Check only).

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<tr>
<th>Code</th>
<th>Schedule</th>
<th>Location</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>YTH 677 30</td>
<td>8:30 a.m. – 12:00 p.m</td>
<td>BEDFORD</td>
<td>$196</td>
</tr>
</tbody>
</table>

**MIXED MEDIA (AGES 10-15)**

Students will work with all kinds of media. We will do collages, rocks, watercolors, acrylics, natural materials, mosaics and more. This is a fun program that will teach students to explore with all kinds of materials to create open art. It opens students up to new ways of being creative in general. Each student will complete a different project each day.

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<tr>
<th>Code</th>
<th>Schedule</th>
<th>Location</th>
<th>Fee</th>
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<tbody>
<tr>
<td>YTH 732 30</td>
<td>1:00 p.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$196</td>
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</table>

**NEW**

**LEGOMINDSTORMS ROBOTICS & BATTLEBOTS (AGES 8-12)**

Students will work together using the latest LegoMindstorms EV3 system to complete challenges every day. Each day will incorporate new sensors and programming instruction until the end of the week, when students will work in teams to build, program and battle their own robots!

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<tr>
<th>Code</th>
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<th>Fee</th>
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<tbody>
<tr>
<td>YTH 754 31</td>
<td>8:30 a.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$312</td>
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</tbody>
</table>

**NEW**

**INTRODUCTION TO VETERINARY SCIENCE (AGES 8-11)**

Do you love animals and want to learn more about veterinary medicine? If yes, this course is for you. The class will expose you to various fields available in the veterinary and animal science field. We will investigate how animals benefit our society and how to care for small and large animals with hands on activities and a field trip.

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<th>Code</th>
<th>Schedule</th>
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<th>Fee</th>
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<tbody>
<tr>
<td>YTH 757 31</td>
<td>8:30 a.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$353</td>
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**NEW**

**CREATIVE DRAWING (AGES 8-12)**

Mark making will be explored in this fun and creative class. Young artists will be introduced to traditional drawing techniques of graphite, colored pencil, and charcoal to create rich one of a kind works of art. Concepts of composition, perspective, line and form will be discussed as well how to critique one’s own work in a positive manner.

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<th>Code</th>
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<th>Location</th>
<th>Fee</th>
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<tr>
<td>YTH 752 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$312</td>
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</tbody>
</table>

**NEW**

**WONDERS OF THE WORLD (AGES 10-15)**

We have taken many of the Engineering Wonders of the World from various lists to make our own wonders of the world that will captivate your child’s imagination as well as teach them about new and old engineering accomplishments, how they work, and how they were built. Accomplishments include, Pyramids of Giza, the Great Wall of China, the Panama Canal and the Roman Colosseum to name a few.

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<th>Code</th>
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<tbody>
<tr>
<td>YTH 760 30</td>
<td>8:30 a.m. – 4:30 p.m.</td>
<td>BEDFORD</td>
<td>$312</td>
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</tbody>
</table>
Have you always wanted to eat healthier? Do you want to learn how you can modify a classic recipe to something more “Healthy” without compromising flavor? Learn what it takes to make sure you are creating balances dishes. Recipes will range from basic ones you will be able to put your own spin on. Watch how a traditional Caprese salad can change with different spices being used, changing the cheese and adding other aromatics. You will be able to harvest food from the community garden we have on campus.

**NEW**

<table>
<thead>
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<th>FARM TO TABLE: HEALTHY EATING (AGES 10-15)</th>
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<tr>
<td>Have you always wanted to eat healthier? Do you want to learn how you can modify a classic recipe to something more “Healthy” without compromising flavor? Learn what it takes to make sure you are creating balances dishes. Recipes will range from basic ones you will be able to put your own spin on. Watch how a traditional Caprese salad can change with different spices being used, changing the cheese and adding other aromatics. You will be able to harvest food from the community garden we have on campus.</td>
</tr>
<tr>
<td>YTH 753 30</td>
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**Week 6: August 12th - 15th**

**IMPROV (AGES 10-15)**

Get ready for a week of laughs! This 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 culminating live improvised performance. Learning improv is a valuable skill both on and off the stage. Real life is improvised after all.

| YTH 697 80 | 9:00 a.m. – 4:00 p.m. | LOWELL | $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 August 12th. (Cash or Check only).

| YTH 677 31 | 8:30 a.m. – 12:00 p.m. | BEDFORD | $196 |

**NEW**

<table>
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<tr>
<th>BRAIN GAMES (AGES 10-15)</th>
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<tr>
<td>Through a blend of fun activities and new scientific research, youth will learn how their brain impacts their behavior. Topics will include sensation and perception, with an emphasis on vision, color, light and optical illusions. Youth will also make connections to their own learning styles through understanding memory mechanics in the brain, as well stress-coping mechanisms.</td>
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<td>YTH 733 31</td>
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**EXPERIENCE WRITING (AGES 10-15)**

From pavement to paper, we will approach the writing process via daily adventures and experiences. This odyssey will entail surveying several forms of writing and producing a portfolio as a memento of your daily 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 31 | 8:30 a.m. – 12:00 p.m. | BEDFORD | $166 |
**CALLING ALL EXPLORERS (AGES 9-12)**

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. Go to a world-famous museum from your desk chair. We will even go into space via Google Moon, Mars, Sky, and the NASA website. We will learn about Skyscrapers and then further learn about Geography through a Breakout EDU game (which simulates an Escape Room brain puzzle activity). All participants must have a Google/Gmail account set up prior to starting as they will need to have their log in information available during the program.

| YTH 718 31 | 1:00 p.m. – 4:30 p.m. | BEDFORD | $166 |

**CODING FOR KIDS (AGES 9-12)**

Learning how to build simple games helps 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. Kids can earn badges for trying different skills and apps. All participants leave with a list of apps and websites they can use at home.

| YTH 691 31 | 8:30 a.m. – 12:00 p.m. | BEDFORD | $166 |

**NEW**

**LEGO CITY PLANNING (AGES 8-12)**

Do you want to know what it takes to build a city with essential infrastructure? This program will teach what is required to run a town or city, what services the city provides, and how certain services are strategically placed within the city through zoning. We will discuss Residential, Commercial, Industrial and Governmental zones. We will also discuss the differences between planned and unplanned cities. Some essential services include, city/town hall, police, fire, public works, schools, parks, and homes, commercial and industrial businesses.

| YTH 759 30 | 8:30 a.m. – 4:30 p.m. | BEDFORD | $312 |

**CASE STUDIES IN VETERINARY MEDICINE (AGES 12-16)**

If you have taken Introduction to Veterinary Science or have volunteered in local animal clinics or facilities, this is for you. This advanced program is designed to immerse the animal enthusiast with a serious interest in veterinary science to the world of veterinary medicine through the utilization of case studies. You will build your knowledge through interactions with local professionals, laboratory experiments, field trips and more.

| YTH 622 31 | 8:30 a.m. – 4:30 p.m. | BEDFORD | $353 |
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.

Please follow the provided link and be sure to read and review the College for Kids Parent Information Sheet. It is the responsibility of all parent’s/guardian’s to read and review the entire contents of this packet.

Link: https:/ /www.middlesex.mass.edu/collegeforkids/summer.aspx  Click on Parent Information Sheet.

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 date................................................................. 100% of tuition minus $15 processing fee
Less than 30 days prior to start date ............................................................. 50% 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 100% refund will be made. Community Education and Training reserves the right to cancel programs for which there is insufficient enrollment, to reschedule programs, to change instructors, to change locations and take administrative action 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.
FAQ’s

WILL MY CHILD GO ON A FIELD TRIP?
Some camps include field trips and are detailed in the camp descriptions.

WILL MEALS BE PROVIDED?
No. All children should bring two snacks, lunch and plenty of water in a lunch bag with a cold pack.

DOES COLLEGE FOR KIDS OFFER AN EXTENDED DAY PROGRAM?
No. All children must be dropped off and picked up at the program start and end times.

HOW SHOULD I DRESS FOR COLLEGE FOR KIDS?
Come dressed to participate with appropriate footwear. Wear sneakers, not flip-flops.

WHAT IF THE PROGRAM I WANT IS FULL?
You can be placed on a waitlist. If a seat opens up you will be notified via email that your son/daughter has been added to the program, at that time, payment is required.

WHAT IF THE PROGRAM I HAVE REGISTERED FOR GETS CANCELLED?
If enrollment is below the minimum, programs will be canceled. However, your child will be offered an alternate program.