



Acera STEAM Learning Lab 2019–2020

WHAT

Hands-on after school enrichment programs in science, creativity, and leadership that spark investigation and deep learning

WHO

Students ages 4-15
Open to all

WHEN

9-13 week trimesters
Weekdays, 3:30 - 5:30 p.m.

Fall:	Sep. 3 - Nov. 26, 2019
Try it Out! Week:	Dec. 2-6, 2019
Winter:	Dec. 9 - Mar. 13, 2020
Spring:	Mar. 16 - June 5, 2020







COST | \$270-\$390

*Additional fees may apply for technology rentals, conference fees, or other field trips

Register Today! www.aceraschool.org

Bus transportation available from many Winchester Public Schools

Afternoon Enrichment Programs | 3:30 p.m. - 5:30 p.m.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>NEW CLASS! Fitness at Acera: International Dance (6-9) Explore the vibrant and diverse languages of dance, from Latin, Russian, ballet, hip hop, modern, and more!</p> <p>Science Investigators (7-10) Probe and ponder the natural world in this hands-on, lab-based class.</p> <p>Set Design (5+) Imagine, design, and build an original set – just like in the movies!</p> <p>LARP Adventure Program (Live Action Role Play) (10+) Enjoy live role playing with this dynamic community of game masters and characters!</p>	 <p>Woodshop & Engineering (10+) Draw, design and build using engineering principles. Open to middle and high school students.</p> <p>Table Top Role Play/D&D (10+) Create characters and dive into the world of Dungeons and Dragons!</p> <p>Programming and Robotics (8+) Dream, strategize, create, and problem-solve in this hands-on robotics class.</p> <p>Theater (7-10) Explore drama, games, improv, and scene work to feel like a star!</p>	<p>NEW CLASS! Biomorphic Design (5-8) Design like nature! Create your own models, sculptures and artwork inspired by the shapes and materials found outside.</p> <p>Debate and Logic Club (10+) Learn how to use logic to bolster your arguments and communicate effectively about issues that matter.</p> <p>Cooking: Art, Science & Culture (7-10) Hands-on cooking classes weave together history, biology, geography, culture, and (of course) food!</p> <p>Photoshop Pros (7-10) Learn how to edit photos, make GIFs, and tell your story through images.</p> <p>Creative Computing, VR & Robotics Club (8+) Build your computer, augmented reality and virtual reality skills! All levels of ability welcome.</p> <p>Woodworking Jr. (6-8) Learn woodshop basics, crafting your own objects using real tools.</p>	<p>Architectural Designers (4-7) Builders, architects, and engineers unite in building challenges!</p> <p>Programming Art (7-10) Explore how coding languages can be used to create computational drawings.</p> <p>Fitness at Acera: Cross Country (8+) Enjoy fresh air, fitness, and fun!</p> <p>Electronics, Robotics, and Computational Art (8-12) Artists and makers: hone your design skills!</p> <p>Homework Help (10+) Work on school assignments with supportive staff & writing tutors.</p> <p>Model UN Club (10+) Explore the political challenges of our time! Participate as delegates at conferences each trimester.</p>	 <p>Rube Goldberg Machines (5+) Cartoon or invention? Fabricate a wondrous "impossible" machine in this hands-on and team-based engineering challenge.</p> 
 <p>Film Soundtracking (7-10) Replace the sound effects and music of your favorite films with your own creations in this fun multimedia class.</p> <p>3D Fantastical Creations (4-8) Engage your hands and your imagination, constructing elaborate worlds and novel toys!</p> <p>Girls Who Code (girls 8-18) Learn to code in this FREE computer club for girls in grades 3-12. Note: this club meets from 6-7 pm.</p>	<p>Film Soundtracking (7-10) Replace the sound effects and music of your favorite films with your own creations in this fun multimedia class.</p> <p>3D Fantastical Creations (4-8) Engage your hands and your imagination, constructing elaborate worlds and novel toys!</p> <p>Girls Who Code (girls 8-18) Learn to code in this FREE computer club for girls in grades 3-12. Note: this club meets from 6-7 pm.</p>	<p>Photoshop Pros (7-10) Learn how to edit photos, make GIFs, and tell your story through images.</p> <p>Creative Computing, VR & Robotics Club (8+) Build your computer, augmented reality and virtual reality skills! All levels of ability welcome.</p> <p>Woodworking Jr. (6-8) Learn woodshop basics, crafting your own objects using real tools.</p>		
<p>For detailed course descriptions and availability visit: aceraschool.org/enrichment-programs/</p>				

WINCHESTER PUBLIC SCHOOL EARLY RELEASE DAYS

Half day enrichment programs are offered on WPS early release days; Acera after school programs run as usual.

INSTRUCTORS

Programs are taught by experienced specialist educators such as:

- David Alsdorf, M.Ed Lesley University, artist in residence with Harvard Project Zero's and LEGO Foundation's Pedagogy of Play.
- Josh Briggs, M.S. Civil Engineering, Registered Professional Engineer (P.E.), B.S. Engineering & Env. Sci (Notre Dame)
- Camila Garcia Enriquez, M.Ed Harvard Graduate School of Education, B.A. Visual Arts, Instituto Superior de Arte, Havana Cuba



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