

June 15, 2020



PO Box 10754, Greensboro, NC 27404

This is not an invoice. This information is provided so that you may request financial aid assistance by June 20th or be satisfied to pay invoices which will be emailed June 25th.

For 7th and 8th grade students:

ARDUINO AND CODEISTA Virtual Camp and Backpack – These programs are designed to expand computational thinking, coding, and project implementation skills as students work in small Zoom breakout groups under the tutelage of high school leaders and instructors.

Parents and students will select ONE of these tracks for their problem-solving project, although each 7th and 8th grader will receive instructional materials for **both** Arduino and Codeista in their backpacks.

Arduino Internet of Things is recommended for 7th and 8th graders with some background and experience with engineering and coding concepts. Arduino projects require the use of a USB cable to draw power from your computer, laptop, or Chromebook. Arduino activities build the student's knowledge of electronics and physics. **For programming the student's Arduino assembly projects, they will use either downloadable software on a laptop or personal computer OR they will receive instructions to use online access to the software on a device such as ChromeBook.**

Codeista is recommended for 7th and 8th graders who aspire toward advanced programming skills using a block-based download of Alice 2.0 software. Students will create animations, build interactive stories, and program games in 3D. **Alice 2.0 software must be downloaded onto your home personal computer or laptop, with Windows or MAC operating system. This download is not suitable for Chromebooks or tablets.**

For 5th and 6th grade students:

Robots on the Run and KoDoIT Virtual Camp and Backpack option – These programs are designed for students with limited coding experience or those who love robotics and gaming. Students will have the tools and develop the knowledge to create projects from their imaginations.

Parents and students will select ONE of these tracks for their problem-solving project, although each 5th and 6th grader will receive instructional materials for **both** KoDoIT and Robots on the Run in their backpacks.

Robots on the Run combines construction and block-based programming. This session builds on programming skills that students may have developed with Spheros or Cozmo robots. **The Edison V2 robots require 4 AAA batteries (included) and link to the programming website through the audio port on a laptop, Chromebook or tablet.**

KoDoIT is a gaming program and is recommended who those who want to go beyond their experiences with MIT Scratch animation. **The programming software is downloaded onto a personal computer or laptop with Windows or MAC operating systems - this software does not download onto Chromebooks or tablets.**

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Pricing information is provided below in detail prior to sending out invoices around June 25th for payment on or before July 30th. Needs-based financial aid applications are provided upon request by email. Please send any questions to AAUWGreensboro@gmail.com or ask to set up a call with Laura Tew by texting 336-834-2743.

Virtual camp	– includes stipends for student Leaders, training for volunteers and assistants, planning and implementation team expenses	\$100
Backpacks for each student	Laptop backpack Luggage tag Notepad, pen, flash drive T Shirt Strawbees Kit	\$125
Backpacks for 7 th and 8 th graders	Arduino Internet of things 1 Edison robot and 1 EdCreate Kit	- included
Backpacks for 6 th and 7 th graders	Edison V2 EdSTEM pack with 2 robots and 1 EdCreate Kit	- included
TOTAL		\$225
Pre-registration discount		- \$25
Sibling discount	For families with more than one student pre-registered	- \$50
Approximately 10 financial assistance awards will be made prior to June 25 th .	Applications will be sent upon request by email to parents of pre-registered students. Laura Tew aauwgreensboro@gmail.com	- \$50 - \$100 - \$150

Using the enclosed ticket, backpacks may be picked up by scheduled appointment starting July 15th at our partner organization, NC Creative Aging Network, 2400 Summit Avenue, Greensboro **AFTER** payment is received and/or financial assistance is approved.

