



## A. J. Whittenberg Elementary School of Engineering

# Summer 2018

## Programs & Camps

Please register ONLINE at <https://goo.gl/forms/Mk7QNercH9aTj5232> or complete this form for these great, STEAM-focused programs. Programs, unless marked, are first-come-first-serve based on availability. Payment is required to confirm registration. Once accepted into a program, there are no refunds. Questions can be directed to Program Director Lynn Mann at [rlmann@greenville.k12.sc.us](mailto:rlmann@greenville.k12.sc.us) or 452-0512.

PROGRAM	GRADE	COST	DATES	DESCRIPTION / Restrictions
<b>WeDo Lego Robotics</b>	Rising 2 <sup>nd</sup> – 4 <sup>th</sup> grades	\$85	Monday - Thursday 1:00 pm – 4:00 pm July 9-12	Introduction to Lego Robotics and Lego WeDo programming for rising 2 <sup>nd</sup> through 4 <sup>th</sup> grade students. Students will work in small teams to create a variety of interactive robotic projects controlled and built by students. No experience required.
<b>Lego Robotics 1 Introduction</b>	Rising 4 <sup>th</sup> - 6 <sup>th</sup> grades	\$85	Monday – Thursday 9:00 am – 12:00 noon July 16-19	Introduction to MindStorms and Lego Robotics including race cars, advanced machines and EV3. Different types of robots provide lots of opportunities to explore, build and test. No experience required.
<b>Lego Robotics 2 Advanced EV3</b>	Rising 4 <sup>th</sup> - 8 <sup>th</sup> grades	\$85	Monday – Thursday 9:00 am – 12:00 noon July 23-26	Advanced work with Lego EV3 robots focused on sensors and advanced programming to complete missions on a defined course. Attendance at Lego Robotics 1 or prior FLL experience required.
<b>NEW!</b> <b>Mission to Mars</b>	Rising 4 <sup>th</sup> -6 <sup>th</sup>	\$85	Monday – Thursday 1:00 pm - 4:00 pm July 16-19	Explore the surface of Mars as you build and program robots to criss-cross the surface of our accurate, room-sized Mars topographical map. Students will map the landings of Mars probes and conduct “missions” to explore the red planet. Space limited. Register early.
<b>Coder Camp – Intro to Coding</b>	Rising 3 <sup>rd</sup> -6 <sup>th</sup>	\$85	Monday – Thursday 1:00 pm – 4:00 pm July 23-26	Introduces students to the basics of computer coding and programming logic. Students will be exposed to block based visual programming on computers and with robot devices like Dot and Dash and Ozobots, as well as the programming basics in Python and JavaScript. No experience necessary
<b>NEW!</b> <b>Gaming Camp</b>	Rising 3 <sup>rd</sup> -6 <sup>th</sup>	\$85	Monday – Thursday 9:00 am – 12:00 noon July 30 – August 2	Students will design and create their own web-based games while learning advanced coding techniques. Prior experience with coding or completion of Coder Camp (above) is required.
<b>Camp Invention</b>	Rising K5 – 8 <sup>th</sup> grades	\$225	Monday - Thursday 8:00 am – 4:00 pm June 25-28	Young innovators will brainstorm product ideas, explore a variety of STEAM-focused projects, and much more. ONLINE SIGN UP REQUIRED at <a href="http://CampInvention.org">CampInvention.org</a> .
<b>Art Camp</b>	Rising 2 <sup>nd</sup> -5 <sup>th</sup>	\$60	Monday-Thursday 9:00 am – 12:00 noon June 25-28	Students will explore a variety of art media. They will take home a project each day. Open to the first 20 students who send in their registration and fee.
<b>NEW!</b> Music <b>Camp – Sing, Play, Dance, Drum</b>	Rising 3 <sup>rd</sup> -5 <sup>th</sup>	\$60	Monday-Thursday 9:00 am – 12:00 noon June 25-28	Students will sing a variety of music, play Orff instruments, experience folk dance, square dance, and world music drumming. Open to the first 16 students who register and pay the fee.
<b>NEW!</b> Music <b>Camp 2 – Intro to Violin</b>	Rising 4 <sup>th</sup> -6 <sup>th</sup>	\$85	Monday-Thursday 1:00 pm – 4:00 pm June 25-28	This class is for students who have never played the violin but would like to try it out! Open to the first 16 students who register and pay the fee. Fee includes use of instrument and music book.
<b>Urban Naturalist</b>	Rising 2 <sup>nd</sup> – 6 <sup>th</sup> grades	\$60	Monday-Thursday 9:00 am – 12:00 pm July 9-12	Students will explore the natural world in our city. Topics include plant, animal, and insect identification, being safe in nature, and stream water analysis. A great way for students to appreciate the plants and animals all around them.
<b>Recycled Art</b>	Rising 2 <sup>nd</sup> - 6 <sup>th</sup> grades	\$60	Monday-Thursday 1:00 – 4:00 pm July 30 – August 2	Students will explore sustainability and art through a variety of recycled art projects. Students will keep all projects created during the course.

PROGRAM	GRADE	COST	DATES	DESCRIPTION / Restrictions
<b>Library Mondays</b>	All AJW families	n/a	Mondays 9:00am – 12:00pm June 18 – July 30	The AJW Library is open every Monday for checkout, technology time and family games. No sign-up required.
<b>Innovate!</b>	Rising 3 <sup>rd</sup> – 9 <sup>th</sup> grades	n/a	Mondays-Thursdays 8:00 am – 12:00 noon July 9 – August 2	INVITATION ONLY. Innovate! is open to select students based on their academic performance, potential and character. Program includes a variety of academic and enrichment based activities and field trips. Transportation (in area), breakfast and lunch provided. SEPARATE SIGN UP REQUIRED. Invitations sent the week of Feb. 5th.
<b>Summer Academy</b>	Rising 1st & 2nd grades	n/a	Mondays-Thursdays 8:00 am – 12:00 noon July 9 – August 2	INVITATION ONLY. Program is focused on improving reading, writing and math skills in preparation for the next school year. Breakfast, lunch and bus transportation (in area) provided. See current teacher for details.

Summer camp is privilege at A. J. Whittenberg Elementary. Students are expected to attend regularly, give their best effort and adhere to the AJW Essential 18. Disruptive students will be removed without refund.

**Students attending both a morning and afternoon session on the same day may stay for LUNCH.** They can bring a lunch (any week) or (from July 9th - Aug. 2nd) receive a **FREE** cafeteria meal. Contact Lynn Mann for details at [rlmann@greenville.k12.sc.us](mailto:rlmann@greenville.k12.sc.us)

**Due to limited space, PAYMENT IS REQUIRED WITH REGISTRATION. Once accepted into a program, no refunds are possible. Reserve your space immediately -- REGISTER ONLINE at: <https://goo.gl/forms/Mk7QNerch9aTj5232> and pay online (credit card).**

Student Name: \_\_\_\_\_ Grade (For 2018-19) \_\_\_\_\_

Parent Name: \_\_\_\_\_ Current School \_\_\_\_\_

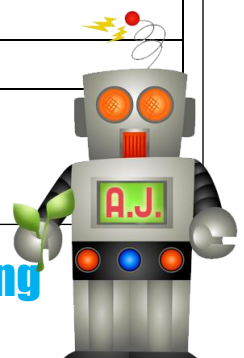
Parent Email: \_\_\_\_\_ Phone \_\_\_\_\_

List any Student Allergies or Health Concerns: \_\_\_\_\_

PROGRAM		COST	PAYMENT
Art Camp	June 25-28	\$60	
Music Camp – Sing, Play, Dance, Drum	June 25-28	\$60	
Music Camp 2 – Intro to Violin	July 25-28	\$85	
WeDo Lego Robotics	July 9-12	\$85	
Urban Naturalists	July 9-12	\$60	
Lego Camp – Intro to MindStorms	July 16-19	\$85	
Mission to Mars	July 16-19	\$85	
Lego Camp 2 – Advanced EV3	July 23-26	\$85	
Coder Camp - Intro	July 23-26	\$85	
Gaming Camp	July 30 – August 2	\$85	
Recycled Art	July 30 – August 2	\$60	
<b>TOTAL PAYMENT ENCLOSED</b>			\$

**Cash or Check (made Checks Payable to A. J. Whittenberg Elementary). Credit Cards Accepted Online ONLY.**

**Mail To:** Lynn Mann, A.J. Whittenberg Elementary, 420 Westfield Street, Greenville, SC 29601.



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