



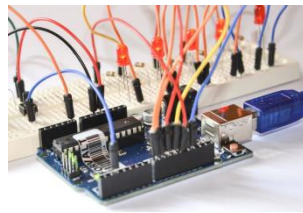




# SUMMER S.T.E.A.M. CAMPS 2018

	HALF DAY CAMPS	LOCATION
<p>June 25- June 28</p> <p>(Mon- Thurs)</p> <p>9am-12pm</p>	<p><b>"Taking Flight" Rocket Design</b></p> <p>3, 2, 1 Blast off! Make and experiment with film canister, straw and pop bottle rockets. Taught by Mr. Dembkowski <b>Grades 5-8: cost \$75</b> (register and pay online <a href="#">HERE</a>)</p> 	<p>SHEPHERD HILL HIGH SCHOOL</p>
<p>July 9- July 13</p> <p>(Mon-Fri)</p> <p>9am-12pm</p>	<p><b>Intro to STEM Using LEGO</b> (by Play-Well Technologies)</p> <p>Give your imagination a boost with tens of thousands of LEGO parts! Build engineer-designed projects such as garbage trucks, catamarans, and dinosaurs.</p> <p><b>Grades K-2 : cost \$150</b> (register and pay online <a href="#">HERE</a> )</p> 	<p>SHEPHERD HILL HIGH SCHOOL</p>
<p>July 30- Aug. 2</p> <p>(Mon- Thurs)</p> <p>9am-12pm</p>	<p><b>ROBOTICS</b></p> <p>Build VEX robots and learn to code one of your own! With Mr. Dembkowski, advisor for the VEX Robotics Team at SHRHS.</p> <p><b>Grades 6-8: cost \$75</b> (register and pay online <a href="#">HERE</a>)</p> 	<p>SHEPHERD HILL HIGH SCHOOL</p>
	FULL DAY CAMPS	LOCATION
<p>July 16-20</p> <p>(Mon-Fri)</p> <p>8am- 2:30pm</p>	<p><b>Camp Invention</b></p> <p>Students will participate in activities and challenges such as Robotic Pet Vet, Mod my Mini Mansion, Optibot, and Stick to It.</p> <p><b>Grades K-6: cost \$250</b> (register and pay online <a href="#">HERE</a>)</p>  <p>Camp Invention®</p>	<p>CHARLTON MIDDLE SCHOOL</p>
<p>Aug. 6-9</p> <p>(Mon- Thurs)</p> <p>8am-4pm</p>	<p><b>Electronics With Arduinos</b></p> <p>Learn about the basics of electronic circuits and program with the Arduino platform board. Use inputs such as lights, sensors, buttons, and turn into outputs such as motors, LED or publishing a message online. Taught by Mr. Dembkowski</p> <p><b>Grades 6-8: cost \$200</b> (register and pay online <a href="#">HERE</a>)</p> 	<p>SHEPHERD HILL HIGH SCHOOL</p>

	HALF OR FULL DAY CAMPS	LOCATION
Aug. 13-17 (Mon-Fri)	<p>9am-12pm: <b>ENGINEERING EXPLORERS</b></p> <p>1pm-4pm: <b>SPACE &amp; BEYOND</b></p> <p><b>(BOTH CAMPS by MadScience)</b></p> <p>Grades 1-5: cost \$139 for half day, \$259 for full day (register and pay online <a href="#">HERE</a> )</p>	SHEPHERD HILL HIGH SCHOOL

## MAD SCIENCE SUMMER IN THE CHARLTON AREA!



### E<sup>2</sup> - Engineering Explorers

Entering grades 1-5

Whether your child loves to build things or destroy them, this week of camp includes lots of both! The junior Mad Science engineers will design and build bridges and "skyscrapers" using simple tools and their imaginations. Kids will even construct a geodesic dome big enough for all the campers to sit inside! Then the machine madness starts as they discover how many different machines, simple & complex, we use in our daily lives. Campers will have fun designing simple machines using pulleys, wedges, screws and levers. Then we move on to engineering in action – your kids work together to brainstorm, design, test, evaluate and redesign problem-solving contraptions!



### SPACE & BEYOND!

Entering grades 1-5

Experience our program co-designed by NASA and Mad Science! From our Earth's atmosphere to the outer reaches of our solar system, this hands-on program for children sends them on a quest for exploration! Comets, planets, stars and more are all waiting to be discovered. Explore the farthest reaches of our solar system and create a lunar eclipse in this "mad" planetary tour! Learn about the four forces of flight and the challenges of space travel, build your very own rocket to take home and participate in an awesome rocket launch!

All programs sponsored by:

**Dudley–Charlton Regional School District**

All programs held at

**Shepherd Hill Regional High School, 68 Dudley Oxford Rd., Dudley, MA**

**August 13<sup>th</sup> – August 17<sup>th</sup>**

Space & Beyond	Entering Grades 1-5	9am - 12pm	\$139
E <sup>2</sup> – Engineering Explorers	Entering grades 1-5	1pm – 4pm	\$139
Space & E <sup>2</sup> (FULL DAY)	Entering Grades 1-5	9am – 4pm	\$259

For more information, locations, and schedules go to: [register.madscience.org/westnewengland](http://register.madscience.org/westnewengland)