

# S T E M

Hanal school 201-242-0377



## SUMMER SCHEDULE

WWW.hanalschool.org 260 Harrison St. Leonia, NJ 07605

You can register for [Two Weeks Camp](#) or [Three Weeks Camp](#)!

		3 Weeks Camp July 10 -28 / July 31 –Aug 18	
		2 Weeks Camp July 17 -28 / Aug 8 -18	
		2 Weeks Camp July 10 - 21 / July 31 -Aug 11	
Monday - Friday	Week 1	Week 2	Week3
9:00 - 10:30	<p><b><u>Coding with Scratch/Code.org</u></b>  <u>Grade 3-5/ Grade 6,7,8</u></p> <p>Beginner’s coding class with projects as well as background of computer science and coding(Programming). Why can't a computer understand human language? How fast is electricity carrying information in computer? Coding Projects: Animate your name to dance and bounce on the screen, Make your Art Come Alive, Favorite Quote Music Video, Program a Pong Game, and design a Flying Object Game.</p>	<p><b><u>Robotics</u></b>  <u>Grade 3-5/ Grade 6,7,8</u></p> <p>What is the first robot and who made it? What is automation and how is it helpful? Learn about Mindstorm Ev3 robot. Science behind sensors. Algorithms. Programming a physical machine with universal programming concepts such as variables, logics and etc. Lessons with mini missions such as self-roaming robot, line following robot, tracking robot and data logging robot.</p>	<p><b><u>Be a Scientist!</u></b>  <u>Grade 3-5/ Grade 6,7,8</u></p> <p>Make your own experiments. Everyday teacher and students do a topic related experiments followed by designing experiments by students based on the learned topic. Topics and experiments include Density matters, Mysterious Egg, Stacking liquid, Static electricity, and Earthworm compost bottle.</p>
Morning Break			
10:45 - 12:15			
Lunch/ Activities			
1:00 - 2:30	<p><b><u>Invent with smart electric circuit: Makey Makey</u></b> Grade 3-5/ Grade 6,7,8</p> <p>What is electric circuit? History and uses of electric circuits in everyday life. Electric circuit experiments: Turn everyday materials into a creative music and art instruments with smart circuit, Makey Makey; <b>Banana Piano, Glove Drum, Play dough keyboard, Musical Sketch.</b> For more info: <a href="http://www.makeymakey.com">www.makeymakey.com</a></p>	<p><b><u>Robotics Extension Projects</u></b>  <u>Grade 3-5/ Grade 6,7,8</u></p> <p>Challenges and missions where students apply what they learned to solve engineering and math problems. Projects: Bunny Rescue. Automaton robot board game, Lava mission and etc</p>	<p><b><u>Designing an App with App Inventor</u></b>  <u>Grade 3-5/ Grade 6,7,8</u></p> <p>Create your custom app or game for Android smart phone. MIT developed App Inventor software empowers students to be part of innovative world of smart phone technology as creators not just consumers. Students gain high-level understanding of how mobile apps are created and learn the real world programming process. Projects include Text to Speech App, Paint and Doodle App and Magic-8ball App.</p>
Afternoon Break			
2:45 - 4:15			

**Program Details** You can get more detailed program information from [www.ismartacademy.org](http://www.ismartacademy.org)

### Registration

Please call 201-741-7842 or 201-242-0377 Hanal School's administration assistant will help you with questions and registration.

By email: [admissions@hanalschool.org](mailto:admissions@hanalschool.org)

**Grade Level** Grade Level refers to the grade the child entering in September 2017

**Student teacher ratio** Ratio of one instructor (professionals who have expertise in the field) per eight students is guaranteed. Plus, there are additional teacher's aids in each class to ensure 4 to 1 personal attention and the progress of each student.

**Lunch time** is 45 minutes which include game and activities. There are varied activities available during lunch time every day. Students have freedom to participate in individual or group activities while chaperoned. Every Tuesday and Thursday is outdoor excursion lunch to Wood Park, a block away. Wednesday is Dessert Day where variety of fresh desserts are provided from school. For those who want to purchase lunch, please call for details.

### Tuition

Two weeks a half-day session is \$675

Two weeks full-day session is \$1290. Early registration by May 15 promotion: \$1190

Checks are made payable to "iSmart Academy–Hanal School"

### Discounts

10% discount for a sibling.

### Drop off and Pick up

Earliest time a student can be dropped off is 8:30am and the latest pick-up time is 4:30pm. (We provide extended hours to 5:30 pm at \$40 charge per week.)

**Location** The Hanal School. 260 Harrison Street, Leonia, NJ 07605

