



2018

S.T.E.A.M & Sports Summer Camps



Our 10 week, jam packed STEAM camps will run from June 14th to August 17th for campers 4-13 years old.

Students are welcome to attend any or all weeks at our locations in One Loudoun or Herndon.

- Build, design & program your own robot.
- Hands on science experiments.
- Daily basketball with 'Hoops the Right Way' expert coaches.

- Half Day & Full Day Camps.
- Daily nature walks and access to parks.
- Indoor and outdoor activities.
- *Price Includes Extended Care.*

REGISTER TODAY

UP TO 20% OFF
Tel: 877 684 1260
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S.T.E.A.M & Sports Summer Camp Schedule 2018

Weeks	Dates	Camp Themes	Description
1	June 14 th – 15 th (2 days)	S.T.E.A.M into Summer	Our campers will explore the different concepts of S.T.E.A.M. We will learn how to design, build and program our robot and have the opportunity to experiment on different projects.
2	June 18th - 22nd	It's All About Science	Campers will discover how science is involved in everyday life. They will get the opportunity to experiment on different projects. For example DNA Extraction or When life gives you lemons, you make a battery?
3	June 25th - 29th	Intro to Coding	This is a great opportunity for our campers to understand the basic concepts of coding. We will start with unplugged coding games and move onto coding our games. We also have coding for the intermediate to advanced students.
4	July 2nd - 6th	All About Engi-nuity (Engineering)	Hands-on activities focus on the six classical simple machines: lever, wheel and axle, pulley, ramp, wedge, and screw. Students also investigate the branches of engineering, practice the engineering design process, and learn about force, motion, and energy.
5	July 9th - 13th	Robotics & Engineering	This LEGO Robotics class combines the exciting world of LEGO with programming to manipulate and program your own personal robot. Students work in teams while building their programs through a series of challenges.
6	July 16th - 20th	Epic Explorers (Earth Science)	Are you fascinated by hail and hurricanes, or blizzards and bolts of lightning? If so, join us for a storm chasing adventure guaranteed to get young scientists excited about science. We'll explore nature's super forces and weather wonders during this week long journey into Meteorology Madness!
7	July 23rd - 27th	Electronic Circuitry	A week of electrical engineering with littleBits. Campers will work in small groups to discover how a circuit works to power an output.
8	July 30th - Aug 3rd	The Great Outdoors of Science	Campers will explore different outdoor science activities & experiments. For example flipped water glass trick, soda explosion and egg in a bottle.
9	Aug 6th - 10th	Cool Science Investigate	This week, we'll give your budding detective the tools they need to solve any mystery they may come across. Dust up on finger printing and focus in on microfiber analysis as we learn to see the world through the eye of a CSI detective.
10	Aug 13th - 17th	S.T.E.A.M into Summer	Our campers will explore the different concepts of S.T.E.A.M. We will learn how to design, build and program our robot and have the opportunity to experiment on different projects.