



2016
Summer
STEM
Institute



SUMMERS ARE
MADE FOR
EXPLORATION





2016 Summer STEM Institute

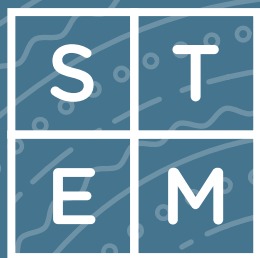


BOYS AND GIRLS
ENTERING GRADES

1-6

SIX

1-WEEK
SESSIONS



SCIENCE
TECHNOLOGY
ENGINEERING
MATH

Neil Armstrong. Marie Curie. Alexander Graham Bell.
Before they changed the world, they played. They let
their curiosity loose. They explored their world.

At the **Summer STEM Institute**, boys and girls have the
ability to do just that. Work in teams, meet new friends
and perform exciting hands-on experiments that make
science, technology, engineering and math come alive.

TOPICS:

Some of the fun things you will do

Chemistry Mania

Aha! Chemistry reveals secrets and mysteries! Make elephant toothpaste. Create your own lava, and implode a soda can.

Mad About Gravity

Blast off! Design your own rocket. Look out for flying objects when you produce a parachute for an egg drop challenge.

How Things Work

Today, you will get to design and create a circuit, design a chair, an Art Bot and a contraption using simple machines.

Robotics & Where's The Treasure?

Build a robot rover. Program the rover to complete its mission. Become a detective. Collect and test evidence, like fingerprints.

Squishy, Goopy Fun!

Make your own silly putty. Strawberries have DNA! Guess how you get it out? Find out what's squishy AND glows. Get messy today!

Thursday Field Trip

Once a week we will have an all day field trip that emphasizes the fun in STEM. (grades 2-6)

DETAILS:

The week-long program for grades 2-6 costs \$450. Includes a tee shirt, daily snack, field trip, and fun, safe STEM activities. Held at St. Virgil Academy in Morris Plains, NJ.

Six 1-week sessions between July 5 and August 12, 2016.

Sessions run Monday to Friday from 9:00 am until 3:30 pm. Drop off as early as 7:00 am and pick up as late as 6:00 pm for a nominal additional fee.

Special half day program for students entering first grade. Morning and afternoon sessions are available select weeks beginning July 18 in Cedar Knolls, NJ. \$250 per session.

\$25 discount for all registrations made before April 23. Additional \$90 discount the week of July 5-8 (4 days).

The program has been designed and vetted by STEM educators and professionals to be fun and age-appropriate. Staff to student ration of 1:4 or better.

973-765-9322 X227

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