


# 2020 Snapology

— NORTHEAST RI —



## SUMMER CAMP GUIDE



## SCIENCE

Science topics are sprinkled throughout all of Snapology's programs, but are more prevalent in our Snapology Scientists, Junior Scientists (All About Animals) and Minecraft programs. Students learn about astronomy, chemistry, physics, earth science, animal life cycles and minerals & ores among other topics in our programs. At Snapology, we make science fun!

## TECHNOLOGY

Isn't it amazing how quickly kids pick up new technology? Students use laptops or iPads in many of our programs and are taught advanced technology topics in our Video Game Design, Robotics and Animation classes. From coding to stop-motion, your child will love learning about the technical world around them while creating super-cool games and movies.

## ENGINEERING

Engineering principles are covered in nearly every program Snapology offers. For a more direct study of Engineering, we offer 4 levels of Core Engineering Programs (Junior, Basic, Intermediate, Advanced), plus an Amusement Park Engineering program to teach core engineering principle through practical application and LEGO® model building.

## ART

Art is baked right into all Snapology programs. Our goal is to inspire children to create and invent in every program. While we do offer an awesome Art History program, students in our programs experience art while building LEGO® & K'Nex models, creating mosaics and expressing themselves through code design and movie-making.

## MATH

We love math. It's the core of daily life...whether we want to admit it or not. At Snapology, we teach math concepts in a passive manner to keep kids engaged. Whether it's calculating room sizes while blueprinting in our SuperStructures Architecture class or calculate gear ratio while building a Ferris Wheel...you just can't escape math in our programs.

## ROBOTICS & CODING

Snapology offers over a dozen awesome robotics programs for your children to choose from. Our Robotics programs start as young as age 3 and continue to age 14. Your child will learn pseudo-coding, coding and engineering as they build robots based on themed topics, such as animals, space, games, inventions and medieval mechanisms.

## PRESCHOOL

Snapology offers a variety of PreSchool programs to teach children ages 2-6 science, technology, engineering, art and math skills. Your little ones will love our Kinder Robotics, Junior Scientists, Junior Engineers, Junior Creators Club and ABCs & 123s programs. It's never too early to get them started with STEAM!



## Welcome to Snapology's 2020 Summer Camp Guide!

We're super excited to share all of our summer camps with you this year that include twice as many locations as last year, and some really fun, new programs. This year we've got a ton of great camps happening at our pop-up location in Lincoln, the Town of East Greenwich, the Town of Portsmouth, Saint Michael's Country Day School in Newport and some of our favorite YMCAs around the state. We've got you covered for kiddos as young as 3 and as old as 14 - Robotics, Coding, Science, Technology, Themed Camps, Pre-K, Engineering, Architecture and more!

*Register at [northeastri.snapology.com](http://northeastri.snapology.com)!*

### CONTACT INFO:

[northeastri@snapology.com](mailto:northeastri@snapology.com)

401-585-0743

[northeastri.snapology.com](http://northeastri.snapology.com)





# How Snapology Camps Work

**CURRICULUM:** Snapology camps provide a perfect mixture of learning and fun. We incorporate the education, social skills and STEAM concepts into the creating, inventing, games and fun. All of the learning principles taught in our programs are mapped to Common Core Standards and many are mapped to Next Generation Science Standards.

**CAMP TIMING:** Each week has numerous camps that are as short as 3 hours and as long as 35 hours.

**FULL DAY CAMPS:** All of the camps taking place at our pop-up location can be registered for as either morning or afternoon camps or combined into a full day/full week camp that cover 2 different themes that work well together. There are separate registration links for morning/afternoon/full day. Children should bring bagged lunches to eat with the group each day if they are signed up for full day camps.

**DROP-OFF/PICK-UP:** Camps at Snapology's pop-up location start at 9am and end at 4pm. Children can be dropped off between 8:45-9am and can be picked up between 4-4:15pm. If you're signing up for a half day camp, please pick up between 12-12:30pm for AM camps and drop off between 12:30-1pm for PM camps.

**AGES:** The schedule has something for everyone! Educational and fun camps for kids going into Kindergarten, awesome grade school camps, and programs designed specifically for middle schoolers as well. We tried to spread them all out evenly throughout the summer. The ages listed on schedule are a recommendation but not a requirement, so if you feel your child would be interested in a camp just outside of their age, we're ok with you registering for that camp.

**PARTNER LOCATIONS:** We're running camps throughout the city this summer with awesome partners like our local YMCAs, the Department of Parks & Recreation for the towns of Portsmouth and East Greenwich, and Saint Michael's Country Day School in Newport. If interested in one of our week-long camps at any of these locations, please contact that location specifically to register. All registrations, payments and camp fees will be determined and handled directly through those organizations.

**EXERCISE AND ENERGY:** While Snapology's camps include some games and activities that get the kids moving, we're firmly in the academic camp arena. We will offer a 15-20 minute exercise break as part of our 1-hour lunch break for those children enrolled in an all-day program.

**REGISTRATION:** The "Camp Registration Calendar" link below will take you to a calendar view of the summer, or you can get to the calendar from our website. You can toggle the view by location or a full list of events if you'd like to see everything we've got to offer in a different way. When you click on a camp, you will see which ages the camps are generally suited for, cost, timeframe and information about the camp content. Special discounts for families registering more than one child. Please contact us for more information.

**CANCELLATION AND REFUNDS:** All Snapology classes are non-refundable. Snapology reserves the right to cancel programs due to low enrollment. In the event of cancellation, a full refund will be made within 7-10 business days.

**QUESTIONS ABOUT CAMPS:** Feel free to call or email any time to talk about our camp offerings - [northeastri@snapology.com](mailto:northeastri@snapology.com) or 401-585-0743





## Snapology Camp Locations

### SNAPOLGY OF NORTHEAST RI POP-UP LOCATION

HERITAGE BALLET  
1947 OLD LOUISQUISSETT PIKE  
LINCOLN, RI 02918

### BAYSIDE FAMILY YMCA 70 WEST ST. BARRINGTON, RI 02806

### SAINT MICHAEL'S COUNTRY DAY SCHOOL 180 RHODE ISLAND AVE NEWPORT, RI 02840

### THE TOWN OF PORTSMOUTH AT THE LEONARD BROWN HOUSE

121 LINDEN LN  
PORTSMOUTH, RI 02871

### THE TOWN OF EAST GREENWICH AT EAST GREENWICH HIGH SCHOOL

300 AVENGER DR.  
EAST GREENWICH, 02818



CAMP REGISTRATION CALENDAR:  
[northeastri.snapology.com](http://northeastri.snapology.com)



## WEEK 1

**Incredible Inventions Robotics**

 **Theme – ROBOTICS**

**Location – East Greenwich Dept. of Parks & Rec. at E.G High School**

**Time – 9am – 11:00am**

**Dates – 6/29 – 7/1 & 7/3**

**Age Range – Grades 6-8**

Do you enjoy inventing new things? Learn about the process real inventors go through while you help design, build and program robotic models to solve problems using LEGO® bricks and robotics. Are you the next Thomas Edison? Learning is enhanced through use of laptops. **Cost – Determined by the Town of East Greenwich**



## WEEK 2

**RoboPets Robotics**

 **Theme – ROBOTICS**

**Location – Snapology Pop-Up Location at Heritage Ballet**

**Time – 9:00am – 12:00pm**

**Dates – 7/6 – 7/10**

**Age Range – 5-7**

Children will begin to explore the world of robotics as they build simple animal models that teach the fundamentals of robotic design. Whether learning about sensors while building a fish or alligator or discovering ways that gears and wheels and axles create movement while building robotic dogs or frog, your child is sure to have a great time! **Cost – \$200**



**Combat Robots**

 **Theme – STEAM**

**Location – Snapology Pop-Up Location at Heritage Ballet**

**Time – 9:00am – 12:00pm**

**Dates – 7/6 – 7/10**

**Age Range – 6-14**

Do you think you can build the strongest and most agile robot? Can your robot win a head-to-head combat mission? Come learn engineering strategies for building sturdy structures using LEGO® bricks and then apply that knowledge to build a robot for friendly competition. You'll have a blast as you play robot football and complete the hoop challenge in this fun robotics program. **Cost – \$200**



**Sports Science**

 **Theme – STEAM**

**Location – Snapology Pop-Up Location at Heritage Ballet**

**Time – 1:00pm – 4:00pm**

**Dates – 7/6 – 7/10**

**Age Range – 5-14**

In this class, children will learn the science behind their favorite sports. Students will learn about momentum, energy, measurement, air pressure, and much more as they perform simple experiments related to sports. Perfect for both sports and science lovers, this fun interactive program exercises both the body and the mind. **Cost – \$175**



**Register online today! [northeastri.snapology.com](http://northeastri.snapology.com)**



## WEEK 2

### Mega Machines

☀️ Theme – ROBOTICS

Location – Bayside Family YMCA

Time – 9:15am – 12:15pm

Dates – 7/13 – 7/17

#### Age Range – Inquire with Bayside Family YMCA

In Snapology's Mega Machines class, your child will create some of their favorite motorized vehicles. Students will learn about gear ratio, sensors, pulleys, cranks, and programming as they build trucks, space rovers, helicopters, and much more. Your child is sure to have fun as they build, learn, and play. **Cost – Inquire with Bayside Family YMCA**

## WEEK 3

### Sports Science

⚙️ Theme – STEAM

Location – Snapology Pop-Up Location at Heritage Ballet

Time – 1:00pm – 4:00pm

Dates – 7/6 – 7/10

#### Age Range – 5-14

In this class, children will learn the science behind their favorite sports. Students will learn about momentum, energy, measurement, air pressure, and much more as they perform simple experiments related to sports. Perfect for both sports and science lovers, this fun interactive program exercises both the body and the mind. **Cost – \$175**



## WEEK 4

### Incredible Inventions

☀️ Theme – ROBOTICS

Location – Snapology Pop-Up Location at Heritage Ballet

Time – 9:00am – 12:00pm

Dates – 7/20 – 7/24

#### Age Range – 5-14

Do you enjoy inventing new things? Learn about the process real inventors go through while you help design, build and program robotic models to solve problems using LEGO® bricks and robotics. Are you the next Thomas Edison? Learning is enhanced through use of laptops. **Cost – \$200**



### Star Wars Movie Making

⚙️ Theme – STEAM

Location – Snapology Pop-Up Location at Heritage Ballet

Time – 1:00pm – 4:00pm

Dates – 7/20 – 7/24

#### Age Range – 6-14

Create amazing Star Wars Themed movies with stop motion animation using LEGO® bricks. Children will work in teams to produce their very own movie complete with dialogue and sound effects. Movies are uploaded to a secure site for family and friends to see how cool they are! **Cost – \$200**





## WEEK 5

### Video Game Design

 Theme – STEAM

Location – Saint Michael's Country Day School

Time – 9:00am – 1:00pm

Dates – 7/20 – 7/24

Age Range – Inquire with SMCDS

Create your own video game in this awesome Snapology program. We'll teach you how to design your very own online game that can be shared and played at home with family & friends. Don't miss out. **Cost – Inquire with SMCDS**



### Creature Creator

 Theme – ROBOTICS

Location – Portsmouth Parks & Rec. at the Leonard Brown House

Time – 9:00am – 12:00pm

Dates – 7/27 – 7/31

Age Range – Inquire with Portsmouth Parks & Rec.

In Snapology's Creature Creator Robotics class, your animal lover will create their own animal-inspired robotic models. Students will learn about gear ratio, sensors, simple machines, and programming as they build insects, dolphins, gorillas, and much more. Your child is sure to have a wild time as they build, learn, and play.

**Cost – Inquire with Portsmouth Parks & Rec.**



## WEEK 6

### Amusement Park Adventures

 Theme – STEAM

Location – Snapology Pop-Up Location at Heritage Ballet

Time – 9:00am – 12:00pm

Dates – 8/3 – 8/7

Age Range – 8-14

Design your own amusement park in this super fun program! Learn how to use LEGO® bricks and other building materials to make coasters and other awesome rides. Can you design the next Disney World? **Cost – \$175**



### Escape Snapology

 Theme – THEMED

Location – Snapology Pop-Up Location at Heritage Ballet

Time – 9:00am – 12:00pm

Dates – 8/3 – 8/7

Age Range – 7-14

Your team will have 60 minutes to discover clues, solve puzzles, answer riddles, and manipulate contraptions in order to complete any assigned tasks and to ultimately unlock the door to escape Snapology! The team that escapes the fastest is given ultimate bragging rights...until their record is crushed by a new team! In Escape Snapology, students will play various escape games using S.T.E.A.M. skills and, in our longer programs, students will have the chance to design their own escape game. **Cost – \$175**



Register online today! [northeastri.snapology.com](http://northeastri.snapology.com)

## WEEK 6

### Video Game Design

 **Theme – STEAM**

**Location – Snapology Pop-Up Location at Heritage Ballet**

**Time – 1:00pm – 4:00pm**

**Dates – 8/3 – 8/7**

**Age Range – 8-14**

Create your own video game in this awesome Snapology program. We'll teach you how to design your very own online game that can be shared and played at home with family & friends. Don't miss out. **Cost – \$220**



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### Science of Superpowers

 **Theme – STEAM**

**Location – Snapology Pop-Up Location at Heritage Ballet**

**Time – 1:00pm – 4:00pm**

**Dates – 8/3 – 8/6**

**Age Range – 7-12**

In Snapology's Science of Superpowers program, children will learn about the science behind their favorite heroes' powers. Students will learn about gravity, aerodynamics, forces, motion, and much more as they learn about flight, super villain fights, and superhero vehicles.

**Cost – \$175**



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### Title – Gamebots Robotics

 **Theme – ROBOTICS**

**Location – Saint Michael's Country Day School**

**Time – 9:00am – 1:00pm**

**Dates – 8/3 – 8/7**


**Age Range – Inquire with SMCDS**

Calling all gamers! Have a blast creating robotic games each week while learning about robotics. Students will learn about gear ratio, sensors, programming, and pulleys as they create fun to play games. Whether creating a robotic hockey player, pinball machine, or a ring toss, your child is sure to have fun building, learning, and playing. **Cost – Inquire with SMCDS**



## WEEK 7

### Animation Studios

 **Theme – STEAM**

**Location – Bayside Family YMCA**

**Time – 9:15am – 12:15pm**

**Dates – 8/10 – 8/14**

**Age Range – Inquire with Bayside Family YMCA**

Create amazing movies with stop motion animation using LEGO® bricks. Children will work in teams to produce their very own movie complete with dialogue and sound effects. Movies are uploaded to a secure site for family and friends to see how cool they are! **Cost – Inquire with Bayside Family YMCA**



## SNAPOLOGY VISION:



Children are meant to learn through play. When children are actively engaged in hands-on, interactive learning activities, their creativity flourishes and they show a greater interest in school. At Snapology we help your child grow up with a thirst for knowledge. How do we do it? Snapology engages children ages 2-14 using LEGO® bricks, K'Nex and technology. While the kids are having fun with familiar toys, laptops and iPads, we sneak in the educational concepts.

### RESEARCH BASED

Our approach is based on proven research; that children's best learning experiences come from actively designing, creating, interacting and inventing. Snapology activities encourage social skills and teamwork, while teaching science, technology, engineering, art, math and literacy concepts.

Snapology's flexible curriculum allows teachers to adapt to the needs of each unique group of students while allowing children to progress and explore at their own pace. The curriculum is designed to benefit all students - gifted, traditional, and special needs students including sensory and autism spectrum.

### ROBOTICS FOR ALL AGES!

Snapology provides interactive Robotics programs for children ages 3-14 using LEGO® bricks. Students in our robotics programs learn pseudo-coding, coding, robotics and engineering principles. Using fun topics and themes, such as animals, games, space and battle machines, we embrace children's interest and curiosity to guide them through robotics and engineering principles. Our programs provide the best mix of fun and education for your child. In fact, most kids have so much fun in our programs, they don't even realize how much they are learning.

### LEGO®-THEMED CLASSES, CAMPS & WORKSHOPS

Snapology's themed programs are designed to promote creative play, teamwork and social skills. Through the use of popular topics like Minecraft, Star Wars & Superheroes, students are engaged a variety of theme-focused activities while learning engineering and math principles. Snapology's goal is to put purpose to their building through blueprinting and idea sharing. Our themed programs use LEGO® bricks, K'Nex and other interactive building toys to engage children and spark their creativity.

### STEM CAMPS FOR PRE-SCHOOLERS

In Snapology's preschool programs, children ages 2-6 engage in fun, educational play. At Snapology we understand that children are meant to learn through play. Our programs incorporate DUPLO® blocks and are designed to inspire creativity and enhance fine motor skills while teaching lessons such as letter recognition, phonics, writing skills, story telling, basic engineering and robotics. That's right, we offer robotics as young as 3 years old. We understand the importance of inspiring kids at young age to help them reach their full potential.

**Register online today! [northeastri.snapology.com](http://northeastri.snapology.com)**



# ACADEMIC ENRICHMENT & SOCIAL DEVELOPMENT BENEFITS

## COMMON CORE/ ENGINEERING

At Snapology, we provide the perfect mixture of education and fun. Let's face it... If it isn't fun, your child won't want to come back. In our STEM / STEAM programs, students are focused on their favorite topics, while we sneak in the educational concepts. All of the learning principles taught in our programs are mapped to Common Core Standards and many are mapped to Next Generation Science Standards.

## SOCIAL DEVELOPMENT

In Snapology programs, we promote an environment of collaboration & teamwork. We encourage negotiation and compromise through group decision making. In our programs, children improve cooperation and teamwork skills through social interaction. Social development is crucial to the development of every child. At Snapology, we make learning social skills an integral part of every program!

## PRESENTATION SKILLS

Learning to present to a group and gaining comfort with public speaking can be challenging for anyone. At Snapology, we're proud to promote the development of these skills in a fun, easy manner. By presenting creative ideas about fun topics like Amusement Parks, Minecraft & Robotics, children in Snapology STEM / STEAM programs experience standing up in front of the class and speaking to a group in a very supportive environment.

## IT'S EDUCATIONAL? REALLY...





# The best party ever!

**GIVE YOUR CHILD THE BEST PARTY  
EVER AT SNAPOLOGY!**

Whether it's a theme they are into like Super Heroes or Princesses, or robotics and coding, we've got you covered with Lego® builds, games and activities for your child's special day.

*Call us today at 401-585-0743 to learn more!*



## Snapology

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