



# Engineering with LEGO Summer Camps at the New Rochelle YMCA

**July. 1st - July. 5th**  
(Omit: Thursday, July 4th)

## **Adventures in STEM w/ LEGO® Materials** (ages 5-8) 10:00am - 1:00pm:

Let your imagination run wild with tens of thousands of LEGO® parts! Build engineer-designed projects such as: Trains, Helicopters, Treehouses, and Beam Bridges. Design and build as never before, and explore your craziest ideas in a supportive environment. There are no prerequisites for this course.

## **STEM Explorations w/ LEGO® Materials** (ages 9-12) 2:00pm - 5:00pm:

Level up your engineering skills with Play-Well TEKologies and tens of thousands of LEGO® parts! Apply real-world concepts in physics, engineering, and architecture through engineer-designed projects such as: Gear Cars, Gondolas, Merry-Go-Rounds, and Scissor Lifts. Design and build as never before, and explore your craziest ideas in a supportive environment. There are no prerequisites for this course.

Price: \$220/per student per camp week

**Dream it. Build it.  
Wreck it. Repeat.**

**July. 8th - July. 12th**

## **Minecraft Engineering w/ LEGO® Materials** (ages 5-8) 10:00am - 1:00pm:

Bring Minecraft to life using tens of thousands of LEGO® parts! Build engineer-designed projects such as a motorized Creeper, a portal to the Nether, and a moving Minecart! Create your favorite Minecraft objects with the guidance of an experienced Play-Well instructor. Whether you are new to Minecraft and LEGO® materials or a seasoned veteran, you'll be hooked on the endless creative possibilities.

## **Minecraft Master Engineering w/ LEGO® Materials** (ages 9-12) 2:00pm - 5:00pm:

Bring Minecraft to life using LEGO® parts! Build a motorized walking Creeper, a terrifying Ghast, and a motorized Minecart! This project-based camp, designed by Play-Well instructors, combines the basic format of our core engineering-themed programs based on the world of Minecraft. Students will explore real-world concepts in physics, engineering, and architecture while building their favorite Minecraft objects. Students will have a blast, even without any prior experience with Minecraft or LEGO® materials.

Price: \$240/per student per camp week

**July. 15th - July. 19th**

## **Intro to STEM w/ LEGO® Materials** (ages 5-8) 10:00am - 1:00pm:

Ratchet up your imagination with tens of thousands of LEGO® parts! Build engineer-designed projects such as Motorcycles, Castles, Airplanes, and Monorails. Then use special pieces to create your own unique design! New and returning students can explore the endless creative possibilities of the LEGO® building system with the guidance of an experienced Play-Well instructor. There are no prerequisites for this course.

## **STEM Challenge w/ LEGO® Materials** (ages 9-12) 2:00pm - 5:00pm:

Level up your engineering skills with Play-Well TEKologies and tens of thousands of LEGO® parts! Apply real-world concepts in physics, engineering, and architecture through engineer-designed projects such as Belt-Drive Cars, Truss Bridges, Rail Racers, and Pneumatic Forklifts! Design and build as never before, and explore your craziest ideas in a supportive environment. There are no prerequisites for this course.

Price: \$240/per student per camp week

**July. 22nd - July. 26th**

## **Super Hero Engineering w/ LEGO® Materials (ages 5-8) 10:00am - 1:00pm:**

Save the world with Super Heroes! Build the hideouts and vehicles of your favorite caped crusaders and learn what makes them not only Super Heroes, but Super Hero Engineers! An experienced Play-Well instructor guides young heroes as they design, build, and save a city where ingenuity and imagination can solve any conflict.

## **Super Hero Master Engineering w/ LEGO® Materials (ages 9-12) 2:00 - 5:00pm:**

Super Heroes need your help to defeat the destructive forces of evil arch-villains as they threaten LEGOPolis! Explore the tools and techniques of your favorite caped crusaders and learn what makes them not only Super Heroes, but super engineers. An engineering curriculum designed by Play-Well challenges heroes to design, build, and save a city where ingenuity and imagination can solve any conflict.

Price: \$240/per student per camp week

\*Location: 50 Weyman Ave, New Rochelle, NY 10805\*

Registration is taken by **New Rochelle YMCA**  
For more information about the programs please contact **Lavar Larrier**  
at 914-632-1818 or [llarrier@nrymca.org](mailto:llarrier@nrymca.org)