



## **SUMMER STEM PROGRAMS (Ages 4-14)**

Our camps are one week long, and each lasts six hours. We offer different classes for children of all ages to ensure that everyone is learning something engaging and age-appropriate.

**LOCATION: Bedford Town Hall (across from the Bedford Public Library)**

**CAMP WEEKS: June 24-28 July 8-12 August 5-9 August 12-16**

**TO REGISTER: [www.LegoYourMind.com](http://www.LegoYourMind.com)**

### **4-5 Summer Program**

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#### **Amusement Park Thrill Rides, Ages 4-5, 9:00 A.M. to 12:00 P.M.**

Channel your inner Master Builder and create your very own Lego amusement park thrill rides where everything is awesome! Build some amazing amusement park thrill rides with motors and gears. Students will build: Merry Go Rounds, Taco Tuesday Spinners, Tilt A Whirl and many more.

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### **6-9 Summer Program**

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#### **Amusement Park Thrill Rides & Stop Motion Animation Ages 6-9**

Channel your inner Master Builder and create your very own Lego amusement park thrill rides where Everything is Awesome! Students will use gears and motors to learn about mechanical devices such as levers, wheels, and axles. Students will build: Merry Go Rounds, Tea Cups Rides, Tilt A Whirl, motorized LEGO cars and many more. During the afternoon create your very own LEGO Stop Animations, just like The Lego Movie! Double Decker couches welcome. In the afternoon, students will build their own mini-movie set and create an animated movie using LEGO mini figures and other objects. The students will also learn how to edit their movies and add titles/credits using Professional Stop Animation software.



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## 9-14 Summer Program

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### EV3 Robotic Amusement Thrill Rides and Stop Animation/Minecraft Ages 9-14

Come and join us as we design, build, and program robots that interact with you, perform complex tasks and respond to changes in the environment. Use LEGO MINDSTORMS EV3 motors, sensors and gears. Enhance your robotics skills by completing missions within an Amusement park that is built by the students. During the afternoon create your very own LEGO Stop Animations, just like The Lego Movie! Double Decker couches welcome. In the afternoon, students will build their own mini-movie set and create an animated movie using LEGO mini figures and other objects. The students will also learn how to edit their movies and add titles/credits using Professional Stop Animation software.

In addition, students will use various Minecraft skills to customize and create their own Amusement thrill rides! Students will learn about creating electrical circuits using Redstone. This will help students create features like functioning doors and trap doors that operate at the push of a button.

For General Camp Day-to-Day Information please visit website:  
<https://www.legoyourmind.com>

Sponsored by: Bedford Parks & Recreation Department