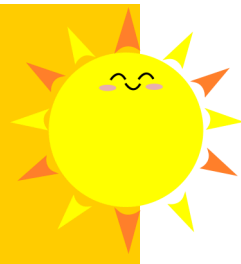


SUMMER HORIZONS 2018

LEGO Engineering, LEGO Build & Code, Video Game Designer, Role Playing Game Maker



Register [HERE](#)

**WEEK OF AUGUST 13-17 MONDAY - FRIDAY AM/PM offerings
or sign up for both sessions & stay for lunch!
@TRINITY CHURCH, TOPSFIELD
Program Director: Kevin Husson, Educator**

LEGO® Engineering Workshop 9am-12pm ENTERING Grades 1-6 FEE: \$135

Using the latest Power Functions technology and LEGO® Mindstorms Invention System, participants will have an opportunity to explore the amazing world of LEGO® engineering and robotics. We will learn about gears, circuits, simple machines, motors, and much more as we design and build, and program a variety of different engineering projects. Over 50 different projects are available including motorized cars and walkers, remote-controlled tanks, and amusement park rides.

Note: Participants DO NOT take projects home. Min 8/Max 24

LEGO® Build & Code 12:30-3:30pm ENTERING Grades 1-6 FEE: \$135

This workshop is designed to develop building and programming skills. Participants will work with LEGO® WeDo and LEGO® Mindstorms to explore and produce a variety of working models. Children will also have an opportunity to check out the new LEGO® Boost! Have your own idea? Then dig your hands into over 50,000 specialized LEGO® technic parts, motors, and sensors to create your own robot then use LEGO®'s easy-to-use drag-and-drop software to bring your creation to life!

Note: Participants DO NOT take projects home. Min 8/Max 24

Video Game Designer 9:00am-12:00pm ENTERING Grades 3-6 FEE: \$145

Stop playing video games and start creating them! In this introductory class participants will learn how to program and create their very own video games. We will learn how to create sprites, objects, levels, backgrounds, sound effects and much more as we create several games that can be shared with family and friends! We'll create a multi-level, customized adventure game complete with zombies, potions, coins, trap doors, and so much more!

Participants will need a flash drive in order to save and take their games home with them. Min 8/Max 16

Role Playing Game Maker 12:30pm-3:30pm ENTERING Grades 3-6 FEE: \$145

In the afternoon session of our video-game designer course we will explore different styles of video-games. Participants will learn how to create scrolling-screen and platform style games. We will also learn how to program and incorporate gravity into our games as we create a Mario Brothers style game.

Participants will need a flash drive in order to save and take their games home with them. Min 8/Max 16

**SPACE IS LIMITED, SO REGISTER EARLY!
REGISTRATIONS ARE ON A FIRST COME, FIRST SERVE BASIS
Need more info or have questions, call TTC @ (978) 887-6512
Register [HERE](#)**