

Challenger STEM QUEST Camps 2018



Challenger Learning Center
FOR SCIENCE AND TECHNOLOGY

Challenger Learning Center for
Science and Technology
Registration Now Open!

Challengerillinois.org

DESIGN IT!-An Immersion Experience in Engineering Design Principles:

Participants will learn about the forms of design and how the engineering design process is used to produce everything from cars to fashion. 9-5pm

Grades 9-12 Cost: \$535 June 25-29

*1 college credit hour earned

CSI: SPACE FORENSICS: Become a crime solving super sleuth using techniques such as hair and fingerprint analysis to catch a criminal. It will be a real "whodunit" at the Challenger Learning Center!

Grades 6-8 Cost: \$300 June 11-15

ASTRONAUT TRAINING: Have you ever wondered what life is like in space? Participants will train to become astronauts in preparation for their simulated space mission to Mars. Training includes astronomy, robotics, space exploration and physical training. The sky is the limit!

Grades 5-7 Cost: \$300
June 18-22 or July 30-August 3

FULL STEAM AHEAD: STEM for the creative spirit = STEAM (Science, Technology, Engineering, Art and Math). Participants in this 2-day camp will experiment and create projects based on scientific principles.

Grades 4-6 Cost: \$120 July 26-27

*ALL CAMPS are from 9-2pm (unless otherwise noted) at the Challenger Learning Center on 222 Church Street in Woodstock.

GEMS (Girls in Engineering, Math & Science): Our space and science camp just for girls returns! In this 3-day camp, girls will explore and create in all areas of STEM through a variety of hands-on activities including a simulated space mission to Mars.

Grades 4-6 Cost: \$180 July 23-25

ROBOT ACADEMY: Calling all future robotics engineers! From nanobots to rovers, robots are changing our world. In this 3-day camp, participants will explore various robotic systems such as Cubelets, Moss and Lego Wedos.

Grades 3-5 Cost: \$180 July 9-11

IN THE MOOD FOR SPACE FOOD? : This 2-day camp is filled with astronomical explorations of current ISS astronaut meals and future plans for growing food in space. Each participant will receive one pack of astronaut ice cream to take home or eat during camp.

Grades 3-5 Cost: \$120 July 12-13

SURVIVOR QUEST: Grouped in survival teams, participants will determine basic needs for survival after landing on a planet. You will build shelters, experiment with gravity and solar energy, design drinkable water systems, cook food and more. This hands-on survival challenge will inspire the brave explorer in everyone!

Grades 3-5 Cost: \$300 July 16-20

SUPER HERO SCIENCE: Traveling faster than a speeding bullet, scaling the tallest towers, withstanding forces stronger than steel, participants will experiment with the real science of fictitious comic book superheroes.

Grades: 2-4 Cost: \$300 June 25-29

STAR VOYAGERS: It is never too early to start exploring space! Our youngest explorers will be introduced to this big place we call space with a variety of hands-on STEM experiences. 9-Noon

Grades: 1-3 Cost: \$175 June 11-15

