

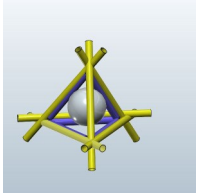
# STEM—DESIGN IT, BUILD IT, LAUNCH IT

## DESIGN IT, BUILD IT, LAUNCH IT! ENGINEERING YOUR OWN MACHINES—FOR STUDENTS EXITING GRADES 4-7

Are you curious about how things work? Are you interested in using your hands and mind to build machines? This engineering concepts course is geared for students in grades 5-8 who enjoy science and are curious about how things work. We will re-search and design projects using technologies such as: fluid hydraulics, catapults and trebuchets, rocketry, egg drop design, wind resistance, energy transmission, absorption and aerodynamics. As each aspect of technology is explored, the scientists in this course are encouraged to think conceptually, then design, build, test, and modify, based upon the results of design performance.



**Instructor: Rick Lowry**



**Limited to 12 students. Session I  
Session II**

**July 3-14, 2017  
July 17-28, 2017**

**Fee \$294 (9 days)  
Fee \$325 (10 days)**

**8:30 AM to 12:30 PM, Reed Intermediate School**

**Rick Lowry** is a fifth grade teacher in Fairfield, CT with over 15 years of experience. He has also taught summer school science programs for children ages 8-13 in the town of Fairfield for over 8 years and in Newtown for 3 years. Rick has written and taught courses in a wide range of scientific fields, including chemistry, organic gardening, hydroponics, engineering, and a digital photography course utilizing PhotoStory3®.

## REGISTRATION FORM—ENGINEERING (STEM) CAMP

Student Name \_\_\_\_\_

Parent Name \_\_\_\_\_

Home Phone \_\_\_\_\_

Work Phone \_\_\_\_\_

Cell Phone \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Exiting Grade \_\_\_\_\_

Current School \_\_\_\_\_



### Circle Program Choice:

**Design It, Build It, Launch It:** Fee \$294  
Session I (9 days) July 3-14, 2017  
8:30 AM to 12:30 PM  
Location: Reed Intermediate School

**Design It, Build It, Launch It:** Fee \$325  
Session II (10 days) July 17-28, 2017  
8:30 AM to 12:30 PM  
Location: Reed Intermediate School

Payment Type: (circle one)    Check    Master Card    Visa    Discover

Charge #: \_\_\_\_\_    Exp. Date: \_\_\_\_\_    3-Digit Security Code: \_\_\_\_\_

**Note:** Mail your registration form and check to Newtown Continuing Education, 12 Berkshire Road, Sandy Hook, CT 06482 or fax it with your credit card information to Newtown Continuing Education, Fax No. (203) 426-1787