

Let's Build It Engineering!

Fall 2016



St. James Cathedral School

STEM Learning



GRADES 1-5

HANDS ON

Let's Build It - Chain Reaction in Action! The ball rolls down the ramp, turns the switch, that moves the post, that activates the zip-line, that knocks the ball down the ramp and into the goal! In this STEAM program, students will be building Rube Goldberg "Mouse Trap" chain-reaction machines featuring levers, pulleys, and other simple machines. Engineering and physics concepts will be introduced and reinforced through hands-on, innovative lessons and creative play time. Problem solving skills and teamwork will be put to the test as the complexity of the projects increases from week to week. On the final class, there will be a building competition - How many contraptions can you connect in chain reaction? No previous experience is necessary, just a desire to learn and build. Each student will receive an award on the last day of the session, and have the opportunity to earn Energy Belts to demonstrate their learned skills!

Course Time: Wednesdays, September 28th - November 2nd, 3:30 PM - 4:30 PM
(6 Classes)

To sign up, please visit <http://payment.learningmeansfun.com/signup>.

You will need to enter the class code **JCC9.28.16** in order to register. Please register by 9/23 for the early bird price of \$85.00.

If you have difficulty registering, please contact Afterschool Enrichment Solutions at 847-482-9999 or info@learningmeansfun.com
No refunds will be made, unless there is insufficient enrollment. No make-ups will be scheduled for inclement weather or circumstances beyond our control. It's the parents' responsibility to remind the children about the classes.