

PLATES

SHALLOW SLOPED BRICKS

STEEP SLOPED BRICKS



ENGINEERING WITH LEGO® BRICKS XTREME CATAPULTS!



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Mabel Paine Elementary

Day: Mondays

Dates: 9/11, 9/18, 9/25, 10/2, 10/9, 10/16

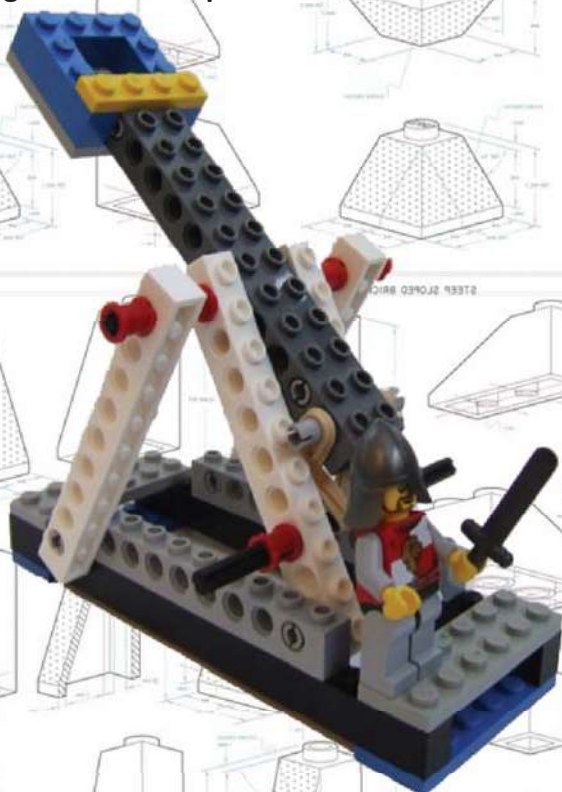
Time: 2:20 - 3:20

Grades: 1st - 5th

Room: TBA

Cost: \$85/ 6 weeks

Students will learn about launching devices such as catapults and trebuchets and launch LEGO bricks across the room. Students will be taught concepts such as energy, levers, and the 1st Law of Thermodynamics as they engineer different catapults. Can you launch a LEGO brick 20 feet across the room? Projects include building a rubber band powered catapult and a trebuchet. Students will earn prizes on the last day and have a chance to earn a medal during our class competition!



Engineering is more than just science!

It teaches students to:

1. Set goals.
2. Find out what it takes to achieve goals by learning physics, math, etc.
3. Applying what you learned to achieve your goal!



Register Online: www.BrainBuildersEd.org

Brain Builders STEM Education
PO Box 2787
Costa Mesa, CA 92628
714-360-1101



I give my child permission to attend Engineering with Lego class at Mabel Paine in Yorba Linda.

Student Name: _____ Grade: _____ Teacher: _____

Address: _____ City: _____ Zip: _____

Home Phone: _____ Cell Phone: _____

Emergency Contact Name: _____ Phone: _____

Email Address: _____ Check #: _____ \$ **85.00**

Print Parent Name: _____ Signature: _____

09.2017

Circle - Pick up or send to Day Care