



GIZMOS & GADGETS KIDS LAB

Online Science/Engineering

AFTER SCHOOL PROGRAM

LIVE ONLINE STEM-Engineering BASED AFTER SCHOOL CLASSES

GRADES 1 & 2: MONDAYS / GRADES 3 & 4: TUESDAYS / GRADES 5: THURSDAYS

Week 1:

GEARS IN MOTION - Combining science, engineering and art this week we will create our own moving gears that will spin a fan, lift a small object or set something fun in motion

Week 2:

SPINNING SELF-DEPLOYING DEVICE - Learn how satellites deploy themselves once launched in space and create, then build your own device that self-deploys when spinning! This is super cool!

Week 3:

CANDY DISPENSER- Got some marbles? Got candy? Got snacks? This week we are creating our own dispenser that uses a lever to pop out candy or other cool you put inside!

Week 4:

COLORING MACHINE - This week we are creating our own coloring machine (because who doesn't want that!). Who knew that you can draw with only using a lever!

Week 5:

PLANTING MACHINE- Spring is coming! In preparation we are going to make our own planting machine that can drop seeds evenly spaced while rolling on wheels. We can use many different types of seeds or even beans!

Week 6:

MECHANICAL FLOWER -This week is a biomechanics challenge! We are going to build a blooming flower that helps us understand the movements and strengths of not only plants but the tissues and limbs of humans and animals!

Week 7:

ARTICULATED PROSTHETIC ARM: We are going to learn how our tendons and joints work in our limbs by building a prosthetic arm with an articulated hand (something that moves) and can pick up small objects!

GRADES 1-5

2.45-4.00pm

DATE: 3/1~4/26

7 wk session:

\$105

(No Classes 3/29-4/2
Spring Break)

* All classes will use everyday materials found at home! For more information or to register online:

MATERIAL KITS ALSO AVAILABLE
\$25

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