

LIS/LMS 2017

Afterschool Classes

Time: 2:25-4:00pm Mondays

Dates: 1/23, 2/6, 2/13, 2/27, 3/6, 3/13, 4/10, 4/17, 4/24, 5/1, 5/8 (snow day)

Cost: 15 hours for \$150 Minecraft, \$200 for 3D Printing 1 or 2

Register: www.STEMsForYouth.org

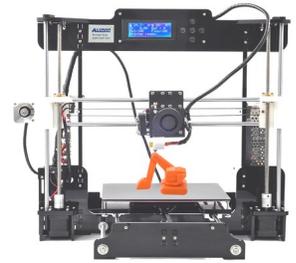
If you'd like this to be a gift, we can email you a Gift Certificate.

Questions: email us at info@STEMsForYouth.org

3D Design and Printing 1

Learn how to Design and Print images in 3D! You will learn fundamental 3D modeling skills as you design and print your own unique three dimensional creations. You can make school mascot keychains, phone holders, tools, characters, cup holders, cookie cutters, ornaments, planters, storage containers, trivets, building models (like the Eiffel Tower), or just about any gizmo you can imagine!

This is a great class for those interested in art and design as well as those interested in STEM!



3D Design and Printing 2 – Making the Connection!

Now you've got the basics, let's explore. From catapults to balloon powered cars, this class will help you turn your ideas into real, tangible objects! We'll learn how to make connected models and even make a rocket you can launch at home. Try your hand at making cool and useful items like an Earbud Holder (left), an Ice Scraper, a USB Drive Cryptex-like a combination lock for USB drive (right), a supersonic whistle, a charging station for your family electronics, or even a self watering planter. Let your imagination create something fun and useful!



Minecraft – Travel the Globe

We'll start by building our own businesses, then help them grow as we learn about various global cultures and business practices through weekly business trips! We'll play Minecraft and learn about: why it's considered polite to burp at the end of your meal in Japan; what country should I trade with if I need coal (Hint: It's Australia!); "What is the price for me?" Always negotiate your price in this country. From customs to imports and exports we'll expand our businesses by trading with other countries (through villagers and NPC's) while we learn about the global economy!



Parents: Research shows that Minecraft classes can actually *IMPROVE students grades in English, Science and Social Studies!* All while they're having fun experiencing other cultures first hand.

STEMs For Youth is a non-profit organization that helps youth grow and flourish in the fields of STEM (Science, Technology, Engineering, and Math) while developing their creativity. We are youth mentoring youth with expert advisors. Students sometimes don't see the value of learning STEM subjects in school. Our mission is to change that perception and infuse them with excitement and the ambition to learn more! You can get more information at our website: www.STEMsForYouth.org or email us at: info@STEMsForYouth.org or call: 513-225-8545. (If this would be a financial hardship for your family, please contact us at info@STEMsForYouth.org.)

While teachers from various schools are consulted in the development of this curriculum, this activity is not sponsored by Loveland City Schools.

Revised 1/5/17

(2017)