

Grades 1-4

STEM Classes!



Fashion Design 1

Create a dress you can actually wear! We'll learn the basic techniques of fashion design and then design a dress that you can actually wear. (We can have a matching one made for your favorite little friend for a little extra!) We'll have a few other surprise projects along the way!

Game Design 1 - Story Games

We'll read a book and then create a video game that mimics the book! Have an idea about a video game you would like to make? We'll make a storyline, add backgrounds, create characters, and much more! This class will help with reading comprehension, literary analysis skills (setting, main characters, etc) and game design skills.



Game Design 2 (For those who have taken Game Design 1)

Move up to the next level of game design and program a scrolling video game. We'll guide you through learning a programming language to get you started and then you can use your imagination to create a game of your own!

Minecraft – *Magic Tree House* Pyramid Adventures

Can you be as clever as Jack and Annie? Step with us into a world of adventure! We'll travel back to ancient Egypt where you get to explore the pyramids, solve mysteries, complete quests and learn about Cleopatra! You get to play Minecraft and re-create the adventures with some twists of your own! How can you work together to defeat the bad guys? Put on your thinking caps and get creative in this Minecraft World of the Magic Tree House! This class will teach social studies, reading comprehension, writing skills, problem-solving, teamwork, communication, figurative language and story development all while playing Minecraft!

Time: Wednesdays, 4pm-5:30pm

Dates: 2nd Wednesday in October through 2nd Wednesday in December
(no classes 4th week of November—Thanksgiving)

Questions: email us at info@stemsforyouth.org or check the website!

Register: www.STEMsForYouth.org

All of our classes use platforms kids love as a conduit to teach them a combination of STEM, teamwork, communication, problem-solving, 21st Century skills and more. They learn while having fun! To see detailed class descriptions, visit www.STEMsForYouth.org and click on Class Descriptions.

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 a specific school district.