



FREE Virtual Summer STEAM Workshops

OPEN TO LOWELL PUBLIC SCHOOLS STUDENTS GRADES 2-10

July 26 - 30th, 2021

All workshops will be held virtually



Link to register - <https://bit.ly/3tfZzmQ>

Spheros (grades 7-10)

Learn how to use code.org and program a Sphero (a spherical mini robot) to compete in challenges & obstacle courses. Your sphero robot is yours to keep!



STEM Wars (grades 2-4)

Fly Glider Fighters, launch Ewoks, sink STEM Troopers, and more as they travel through space. Join the Force and learn about engineering and science concepts.

Mind & Body Wellness (grades 5-8)

Practice and learn about the benefits of meditation, journaling, yoga, stretching and movement on the brain and body.

STEM Challenge Mash up (grades 5-7)

Try out challenges like a Shark tank escape, Paper Airplane Challenge & a popsicle bridge and more.



Cooking in the Kitchen (grades 5-8)

Explore the mysteries and chemistry of making food at home! Use your skills to create Food Network worthy dishes in your own kitchen.

Atmospheric Perspective Landscape Painting (grades 5-8)

Create a color grid, painting sketch, and canvas painting to discover the attributes of tints, shades, and hues in order to create atmospheric perspective.

Game Makers (grades 6-9)

Learn the basics of 2D game design, similar to Space Invaders & Pacman, using drag & drop programming. Students must a computer with: Windows 7 or Mac Mojave and 2 GB ram.



Questions? Please contact ideacamp@lowell.k12.ma.us or padams@lowell.k12.ma.us.