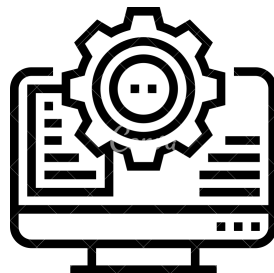




STEAM TOGETHER WITH WPI

STEAM Together offers high-quality experiences in science, technology, engineering, art and math, as part of a live virtual program in learning pods or at home.

By designing, building, and testing with WPI Faculty and Students, Middle School and High School Students get a free, hands-on and interactive experience. Join us, bi-weekly on Wednesdays from 3:00- 4:00 p.m. starting January 27th- April 7th.



Register [here](#).

More details and supply list [here](#).

*If you need Assistance in gathering supplies, please contact:
jramos2@wpi.edu*



WPI



AmeriCorps

Free access to all **STEAM Together with WPI** programs through Zoom [registration](#)

Wednesday, January 27, 3-4 pm:

Cybersecurity

Hosted by WPI Engineering Ambassadors



Description: Learn how computer scientists and engineers apply their knowledge of computer systems to protect our online presence. We will decode and encrypt messages in Caesar cyphers and Polybius square cyphers.

Supplies needed: 3 Activity Worksheets, Scissors, Paper, Pencil

Wednesday, February 10, 3-4 pm

Perspective

Hosted by Dr. Duncan, Mathematician Magician



Check the [website](#) for more details closer to the date!

Wednesday, February 24, 3-4 pm

Stuffed Animal Prosthetics

Hosted by WPI Engineering Ambassadors



Description: Learn how engineers apply their knowledge to replace limbs by using technology and materials to provide people and animals with independence, mobility, and experiences. In the activity we will invite you to take a stuffed animal from home to create a prosthetic limb for it!

Supplies needed: Stuffed Animal (Anything with 4 legs), Attachment to Body (Paper Cup/ Cardstock), Paw/Foot (Sponge, Cardboard/ Felt), Leg (PVC Pipe, Empty Paper Towel Roll), Padding (Cotton Balls, Felt, Sponge/ Bubble Wrap), Connectors (String, Tape/ Rubber Bands), Paper, Pencil.

Wednesday, March 10, 3-4 pm

Surprise Activity

Hosted by WPI Teacher Preparation Program Students

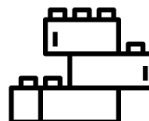


Check the [website](#) for more details closer to the date!

Wednesday, March 24 3-4 pm

Lego Coding

Hosted by WPI Engineering Ambassadors



Description: Hear about how computer scientists write code to communicate with computers in order to create different programs and applications. On the provided worksheet you will become the programmer for your maze and select different code commands that are provided to you to navigate your way through the maze!

Supplies: Maze and Functions Worksheets, Scissors, 25 Legos, Scotch Tape/ Masking Tape, Paper, Pencil

Wednesday, April 7th 3-4 pm

Caring for Animals with X-rays

Hosted by Dr. Cyndie Webster, Cumming School of Veterinary Medicine at Tufts University

Experience the job of a veterinarian specializing in disorders of the stomach and intestine in dogs and cats. See some of the tools they use to diagnose and treat these diseases in animals. You get the chance to read some x-rays of animals being treated at the hospital.



For participants attending on their own and not part of a partnering STEAM Together organization, parent/guardian approval is required. Please download this [form](#), get the proper signature, and email it back to jramos2@wpi.edu