Engineering Outreach
UNIVERSITY OF WATERLOO

STEMpowered
Sneak Peak!

Biology Mania

Dive into the wonders of biology with interactive experiments! Explore the secrets of life through hands-on activities!

Hone your coding skills in a battle of logic! Solve puzzles, defeat enemies, and become a programming champion!

Code Combat

Marble Mayhem

Create intricate marble runs and race against friends! Design, build, and watch the marbles navigate your course!

Blast off with your own paper rocket! Build, launch, and see how high your creation can soar!

DIY Paper Rocket

Paper Circuits

Light up your paper crafts with electric circuits! Create glowing cards, sculptures, and more with LEDs!

Safe House

Design a secure shelter for an egg in this engineering challenge! Test your construction's durability and protect your egg!

Whodunit

Solve a thrilling mystery with your detective skills! Gather clues, interrogate suspects, and crack the case!

Scavenger Adaptor

Adapt to different environments in a fun scavenger hunt! Find items, complete tasks, and overcome obstacles!

Dam Constructors

Build a dam and control the flow of water! Test your engineering prowess and keep the river in check!

Disaster Dash

Race against time in a thrilling disaster simulation! Plan, react, and save the day with quick thinking!

Picture Perfect

Capture stunning photos in a creative photography challenge! Experiment with angles, lighting, and subjects to create art!

Create and play your own carnival games with cardboard! Design, build, and have fun at your DIY amusement park!

Cardboard Carnival

Wizards Workshop

Concoct magical potions and spells! Enter the wizarding world and brew up some enchantment!