

Sneak Peak!

**Arduino
Obstacle
detector**

Build your own smart robot to navigate through obstacles! It's time to make your Arduino skills shine!

Unlock the secrets of codes and ciphers!
Become a master spy with cryptography
magic!

**Cryptography is
key**

Wooden home

Craft your dream house with wood and
creativity! Turn your architectural visions
into reality!

Create a glowing glove to direct traffic
like a pro! Light up the way with your
LED skills!

**LED Traffic
glove**

**Shoe me what
you're made of**

Customize and race your own shoe-
powered vehicle! Who knew shoes could be
this fast?

Unleash your inner tech genius with a Website, invention, or App! Design something that solves a problem or addresses an environmental issue— Who knows, you might just change the world!

Pitch competition

Group Goldberg

Team up to create the most elaborate Rube Goldberg machine! Watch the chain reaction of fun unfold!

Design and build the ultimate ball launcher to score hoops! Aim high and engineer your way to victory!

Hoop engineer