

Summer of Creativity: make your own fun!

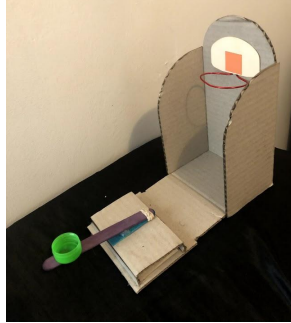
Facilitators	Contact Information	Class time/ Office Hours	Main Materials	Other Resources
Stanford Graduate School of Education Makery	Aaron Ragsdale arags44@stanford.edu	Tuesday and Thursday 1-3 pm (Email us for Zoom link)	If you are members of the BGCP, you can pick up materials at the EPA BGCP Fridays at 4.	Sign up for a companion class at StreetCode Academy GSE Makery Website GSE Makery Instagram

Electronics			
Challenge	Project Materials	Examples	Guides
Beginner: Can you get the ball to fly? Intermediate: Can you hit a target 3 feet away? Advanced: Can you consistently hit your choice of target?	Materials To Have Ready: ☐ Popsicle Sticks ☐ Rubber Bands ☐ Glue Dots ☐ Bottle Cap ☐ Tape ☐ Box, book, or paper for targets		Catapult project guide
Project # 2 7/31/2020			
Challenge	Project Materials	Examples	Guides
Beginner: Can you assemble a car? Intermediate: Can you make the balloon power the wheels? Advanced: Can you change the wheels to make the car go faster? Farther?	Materials To Have Ready: ☐ Cardboard ☐ Chassis ☐ Wheels ☐ Balloon ☐ Rubber bands ☐ Tape ☐ Craft wire (for axels) ☐ Straws		Project 2 Slides Project 2 Video

Project # 3 8/7/2020

Challenge	Project Materials	Examples	Guides
Project 3: How do you build a fidget or stress ball that best fits your needs?	Materials To Have Ready: ☐ Balloon ☐ Kinetic Sand ☐ Popsicle Sticks ☐ Beads ☐ Pipe Cleaner ☐ Jump Ring ☐ (8) wooden blocks	   	Project 3 Slides Project 3 Guide

Project # 4 8/13/2020

Challenge	Project Materials	Examples	Guides
Project 4: How do we use the skills we learned from the ping pong launcher to build a mini basketball game?	Materials To Have Ready: ☐ Cardboard ☐ Popsicle Sticks ☐ Rubber Band ☐ Bottle Cap ☐ Ping Pong Ball		Project 4 Slides Project 4 Video

Project # 5 8/20/2020

Challenge	Project Materials	Examples	Guides
Project 5: How can you design your own game using cardboard and other materials at home?	Materials To Have Ready: ☐ Cardboard ☐ Other Materials you have at home		Project 5 Slides Project 5 Video

2020 Additional Resources, Cool Finds, Other Learning Materials