

August 3rd Circuits 101

Materials List
1 sheet Cardstock
2 LED (we will provide this)
2 Coin battery (we will provide this)
1 9 volt battery
12in Copper Foil Tape (we will provide this)
1 Graphite pencil
Markers (any colors you like)
Scissors
3 in Electrical tape
Coin magnet

August 4th Catapult Into Force

Materials List
1 Plastic spoon
6 Rubber bands
6 Craft sticks
Small handful of puffballs to launch
Paper
Pencil
Red and black marker
tape

August 5th Mechanical Engineering

Materials List
1 sheet of cardstock paper
5 Standard drinking straws
1/2 smoothie straw
3ft yarn
1 sheet of paper
pencil

August 6th Kaleidoscope Builds

Materials List
Full empty toilet paper roll
Half empty toilet paper roll
11.5in X 6in Plastic wrap
2in X2 in Wax paper
11.5in X 6l in tin foil
1/3 sheet Construction paper (any color)
10 Translucent beads
1g Plastic confetti (any that you like)
Liquid Glue
Pair of scissors
Tape
Ruler
Pencil

August 7th Feel the (Air) Pressure

Materials List
Pair of scissors
2 Balloons (any color)
Plastic cups (at least 10oz)
10 Small Puff Balls
Rubber band
5 Dixie cups
a kitchen sponge (an extra thick one works best)
a large smoothie straw or small tubing (at least 10mm diameter x 6' length)
a sharpie (any color)
A ruler
Duct tape (optional)