

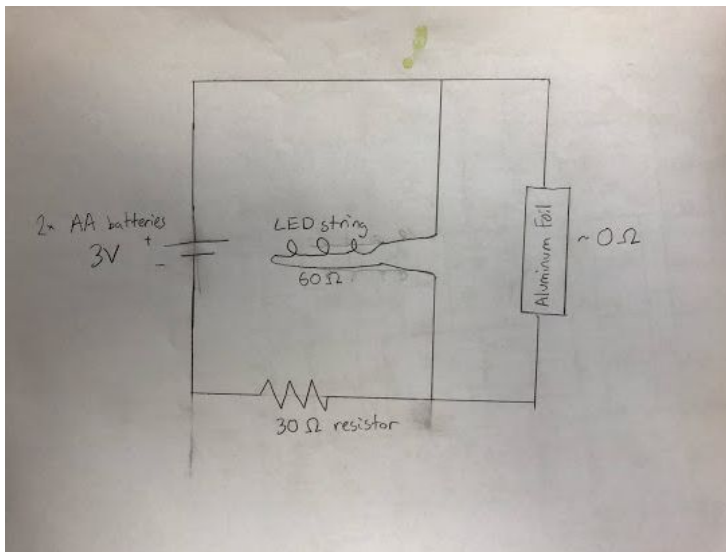
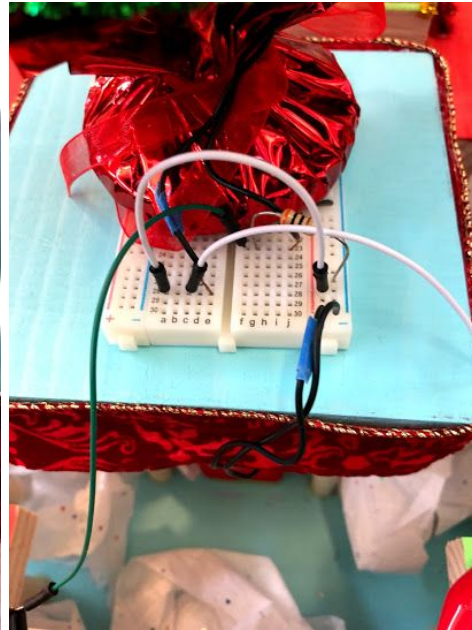
These three pictures show our blueprints for our game board. As you can see some of our spaces are smaller than others. We have bigger spaces on the corners to have enough room to do our experiments.



Above you can see two of our reactions up close. To the left we have our physical reaction, and to the right we have one of our chemical reactions.



To the left you can see our four game pieces. These game pieces include a snowman, sleigh, present, and candy cane. These game pieces are also 3D printed. To the right you see two of our erasers that we placed inside little aluminum presents which each player got to place into the copper chloride solution.



In the four pictures above you can see the single replacement reaction that my group decided to do. We chose to place a strip of aluminum foil into copper chloride. This aluminum was attached to a breadboard by using alligator clips. As the aluminum breaks the LEDs surrounding our Christmas tree were lit. The diagram in the bottom left shows the original path that the electricity from the battery took as well as the new path taken by the electricity.



In the above four pictures you see our game being played by many different people.