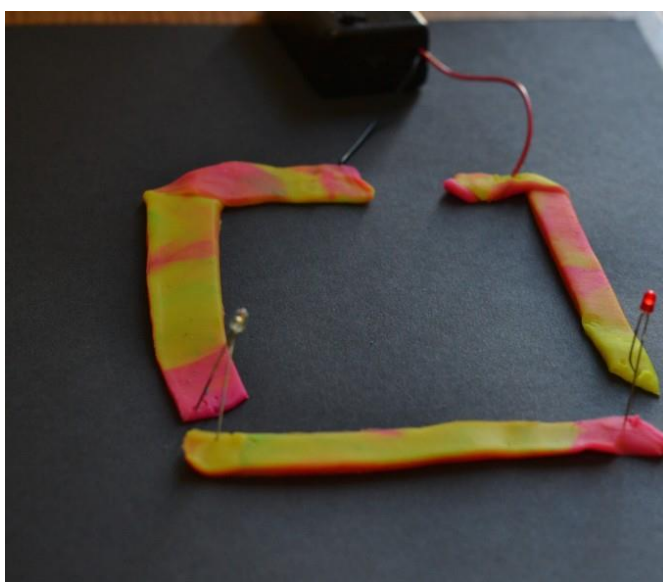


Squishy Circuits

Use the special Play Dough in your kit to create a light up circuit on a sheet of paper! Use the circuit to make a work of art, ornament, and more! The Play Dough contains special ingredients that allows electricity to pass through it.

*Please do not ingest the Play Dough—although harmless, it does contain high amounts of salt and cream of tartar which will make eating it unpleasant.



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Making Conductive Dough at Home

Here is a simple recipe in case you'd like to make your own conductive Play Dough at home:

- One and a half cups flour
 - One cup water
 - One-fourth cup salt
 - Three tbsp. cream of tartar OR 9 tbsp. lemon juice
 - One tbsp. vegetable oil
 - Food coloring (optional)
1. Mix the water with the salt, cream of tartar (or lemon juice), vegetable oil, food coloring (if desired) with one cup of flour in a medium-sized saucepan (non-stick is best).
 2. Cook the ingredients over medium heat, stirring continuously as it thickens. Add flour as needed if the mixture is too runny.
 3. Continue until the mixture forms a ball and pulls away from the sides of the saucepan cleanly.
 4. Turn out the dough onto a floured surface to cool.
 5. Store in a ziploc bag or other airtight container until used.
 6. Conductive Dough should last a few weeks until use; it can also be frozen.

Other Materials for this Project

If you are recreating this project at home on your own, you'll also need the following:

- Material for a base, such as paper, cardboard, foam plate, etc.
- LED light, available on Amazon: <https://cutt.ly/BhWw01j>
- 2032 Coin cell battery; can be found at Target, CVS, Amazon and more