

CONDUCTIVE PLAY DOUGH

You will need:



180G FLOUR



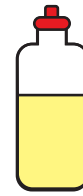
240ML WATER



50G SALT



3 TBSP OF CREAM
OF TARTAR OR
LEMON JUICE



VEGETABLE
OIL

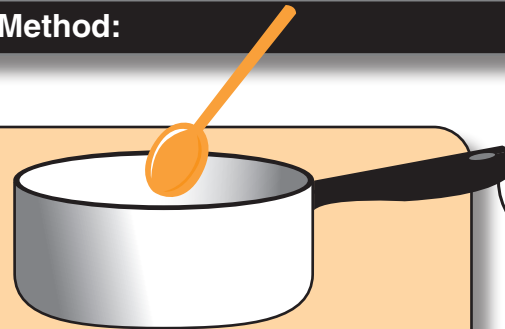


OPTIONAL
FOOD
COLOURING

This project is part 1 of 3 worksheets exploring circuits and electrical conductivity. You can work through all 3 or just use this one to make some cool play dough and get creative instead!!

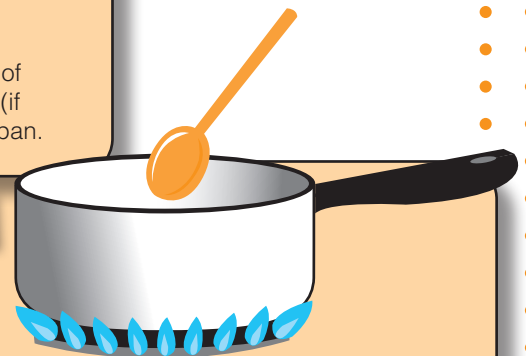
**ADULT SUPERVISION
RECOMMENDED FOR
THIS PROJECT**

Method:



Step 1: Mix the water, flour, salt, cream of tartar, vegetable oil and food colouring (if using) together in a medium-sized saucepan.

**Hint: a non
stick pan
works best**



Step 2: Cook over a medium heat, stirring continuously. The mixture will thicken, and lumps will begin to form.



Step 3: Continue heating and stirring until the mixture forms a ball and pulls away cleanly from the sides of the saucepan.



Step 4: Turn the dough out on to a floured surface. Use caution, as it is very hot at this point. Allow the dough to cool for a few minutes before kneading the flour into it until the desired consistency is reached.

Storage:

keep the dough in a sealed container or bag for several weeks. For longer periods the dough can also be frozen.

While in storage, water from the dough may create condensation inside the container; this is normal. Knead the dough after removing it from the storage container to refresh its pliability.

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HAVE FUN WITH STEM AT HOME

Conductors
allow electricity to pass through them. In this recipe, the salt and water allow electricity to flow and bring your squishy circuit creations to life.

