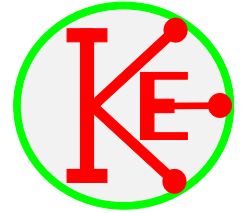


Play-dough Recipe



Play-dough can be quickly made from common ingredients found in the kitchen. The recipe below makes a ball approximately 8cm in diameter and can be scaled according to requirements.

INGREDIENTS.

120ml	(½ cup)	plain flour
5ml	(1 teaspoon)	cream of tartar
40ml	(⅓ cup)	salt
120ml	(½ cup)	cold water
7.5ml	(1½ teaspoons)	cooking oil
Food colouring as required.		

METHOD

- 1). Put all of the ingredients into a glass bowl (500ml +) and stir thoroughly.
- 2). Heat in microwave cooker for ~30s on high power.
Remove bowl and stir thoroughly.
- 3). Heat in microwave cooker for 10s on high power.
Remove bowl and stir thoroughly.
- 4). Repeat step 3 until the mixture solidifies into a 'squashy ball'.
- 5). Leave to cool, then knead thoroughly (30 - 60s).
- 6). Store in an air tight container, plastic bag or cling film.
It will last several months.

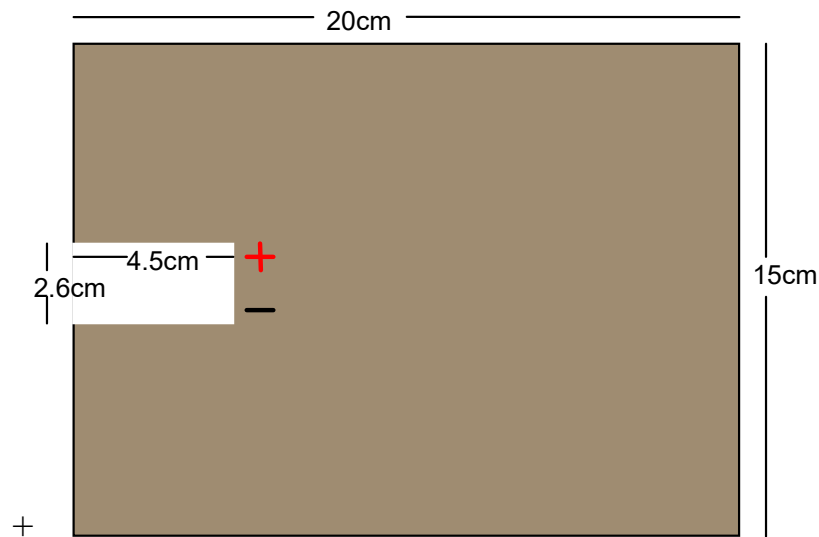
CIRCUIT BOARDS.

Almost any non conducting surface can be used to construct Playdough circuits.

The following has been found to work well and can be given away for further experiments.

The board is 6mm thick corrugated cardboard. If not available, then it can be made from two or more layers of thinner corrugated board glued together.

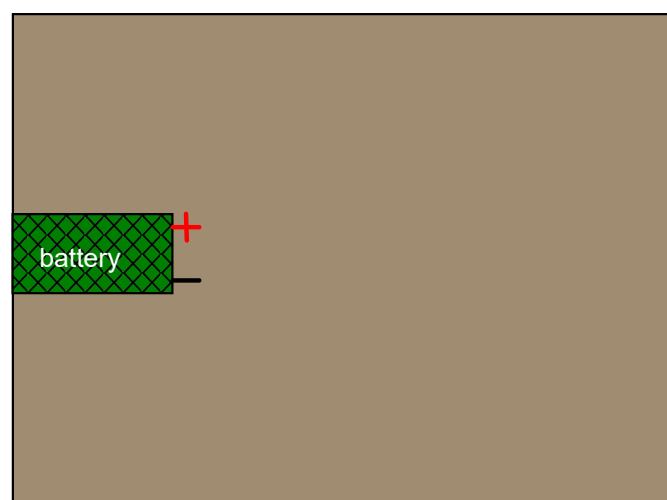
This thickness ensures that the PP3 battery terminals are level with surface of the board so making easy connections to the Playdough.



The board's surface is painted with MDF primer (or dilute PVA solution) to stop the playdough sticking too firmly to the cardboard.

To fix the battery to the board, adhesive tape is fixed to the bottom surface of the board across the space for the battery. The battery can then be pushed into place and the tape will hold it firmly to the board.

Label the board with + and -



The easiest way to replace a battery is to cut along the tape holding the battery so freeing it, and then put a new piece of adhesive tape across the bottom surface of the board and across the space for the battery.