



Squishy Circuits

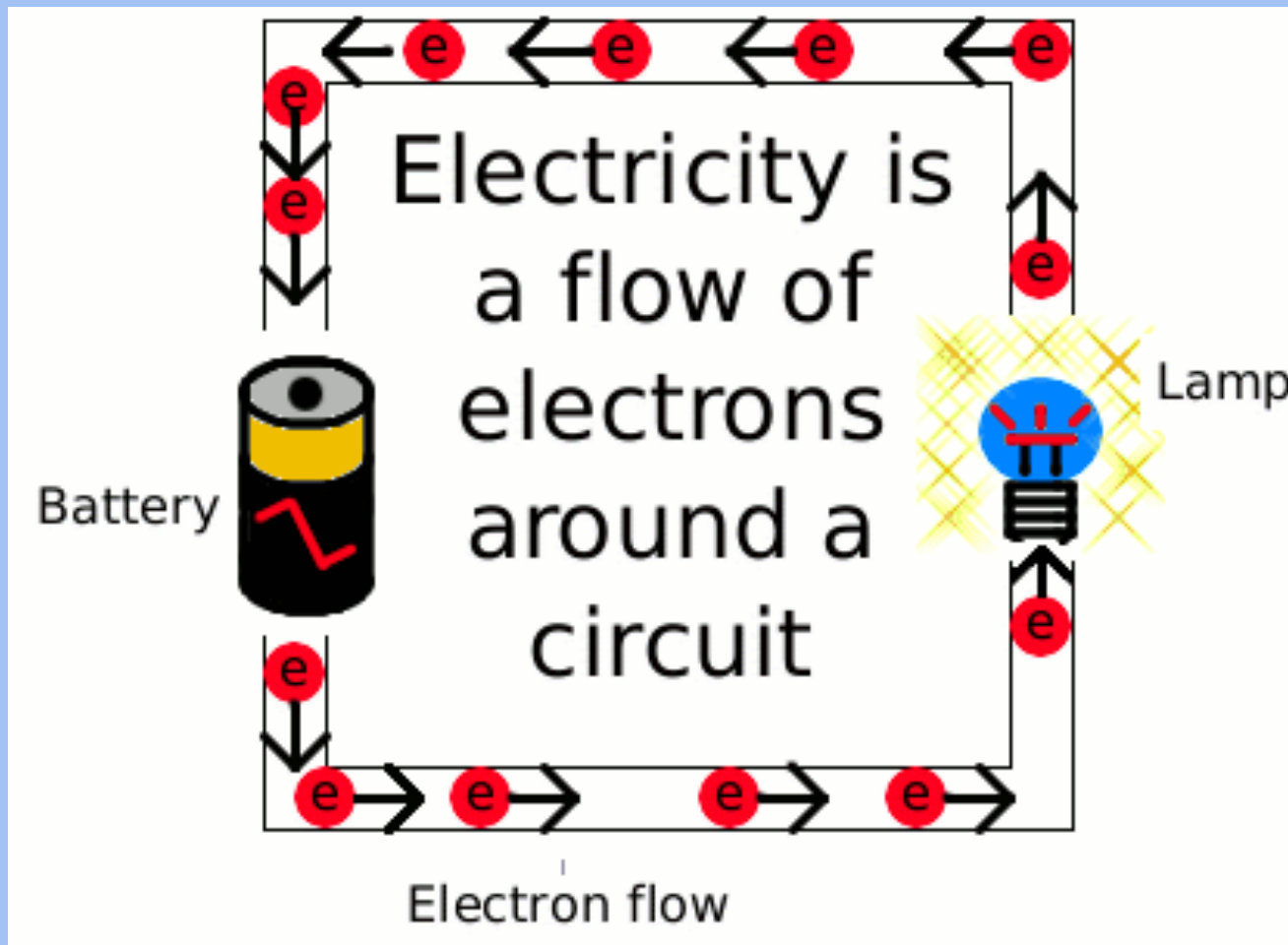


Electrical Circuits with Play Dough !



What is electricity ?

What is electricity ?



Conductors

Conductors

Materials that allow electricity to pass easily through it



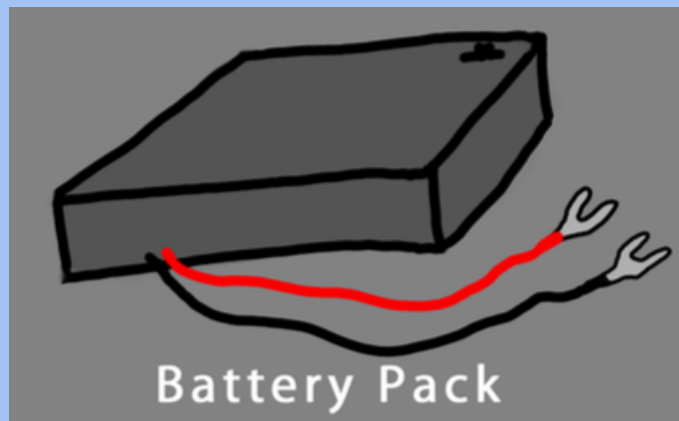
Insulators

Insulators

Materials that do **not** allow electricity to pass easily through it



The materials in front of you

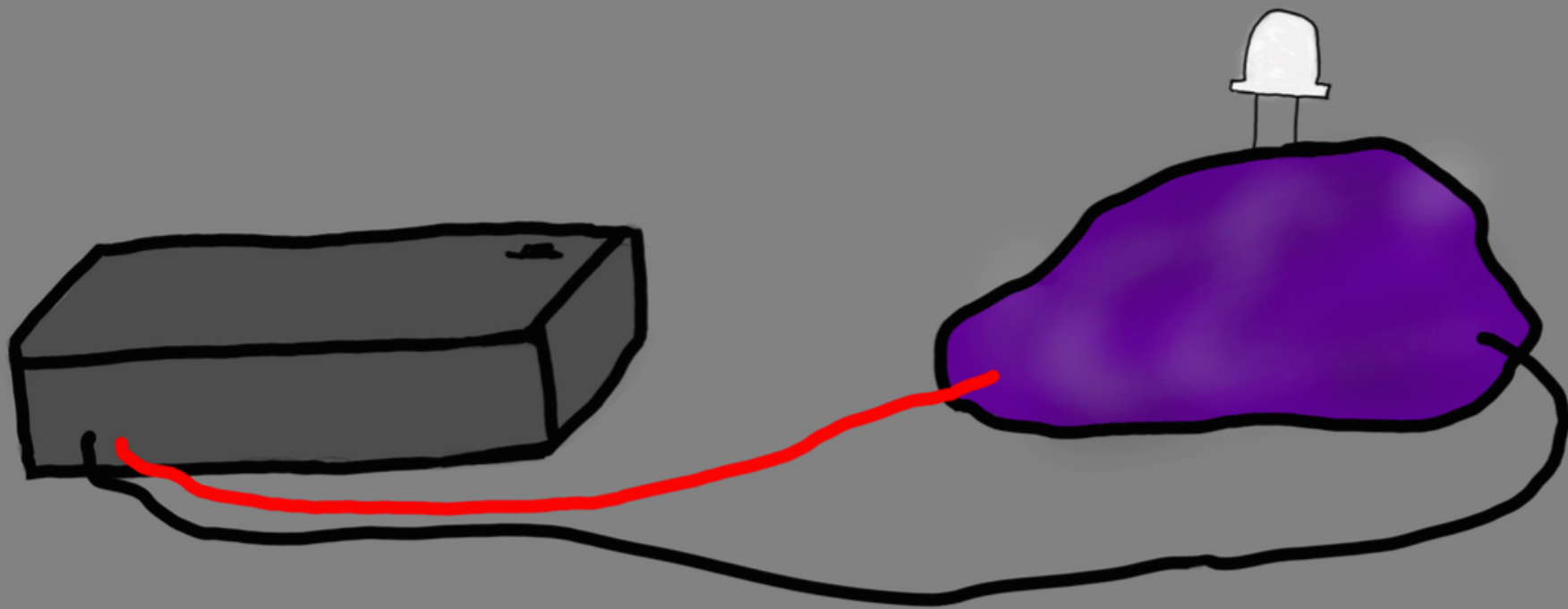


**Which dough is conducting ?
Which one is insulating ?**

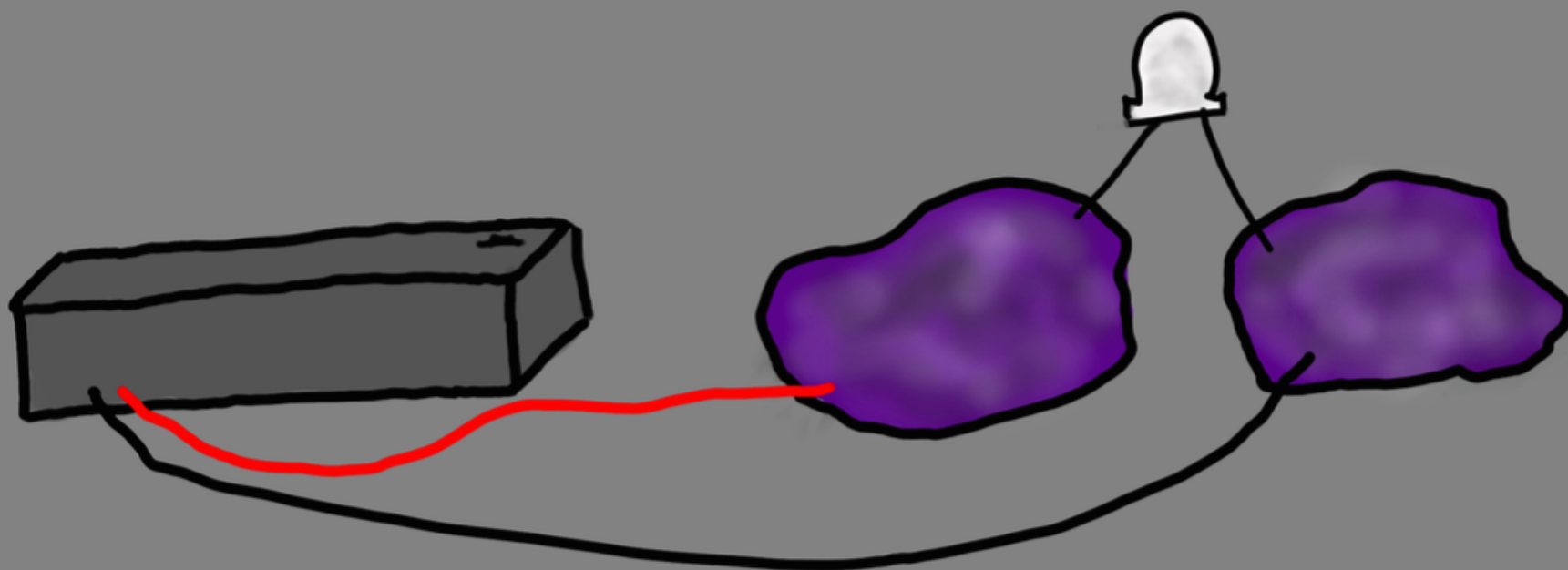
Try to figure this out !

Feel free to use any material you want.

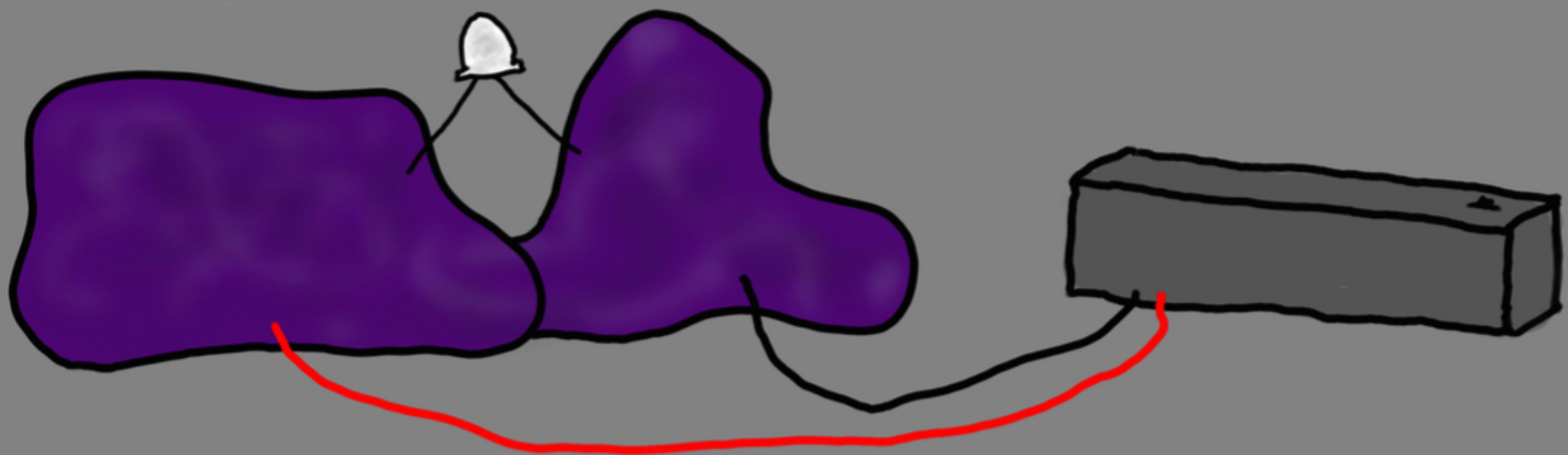
Circuit 1



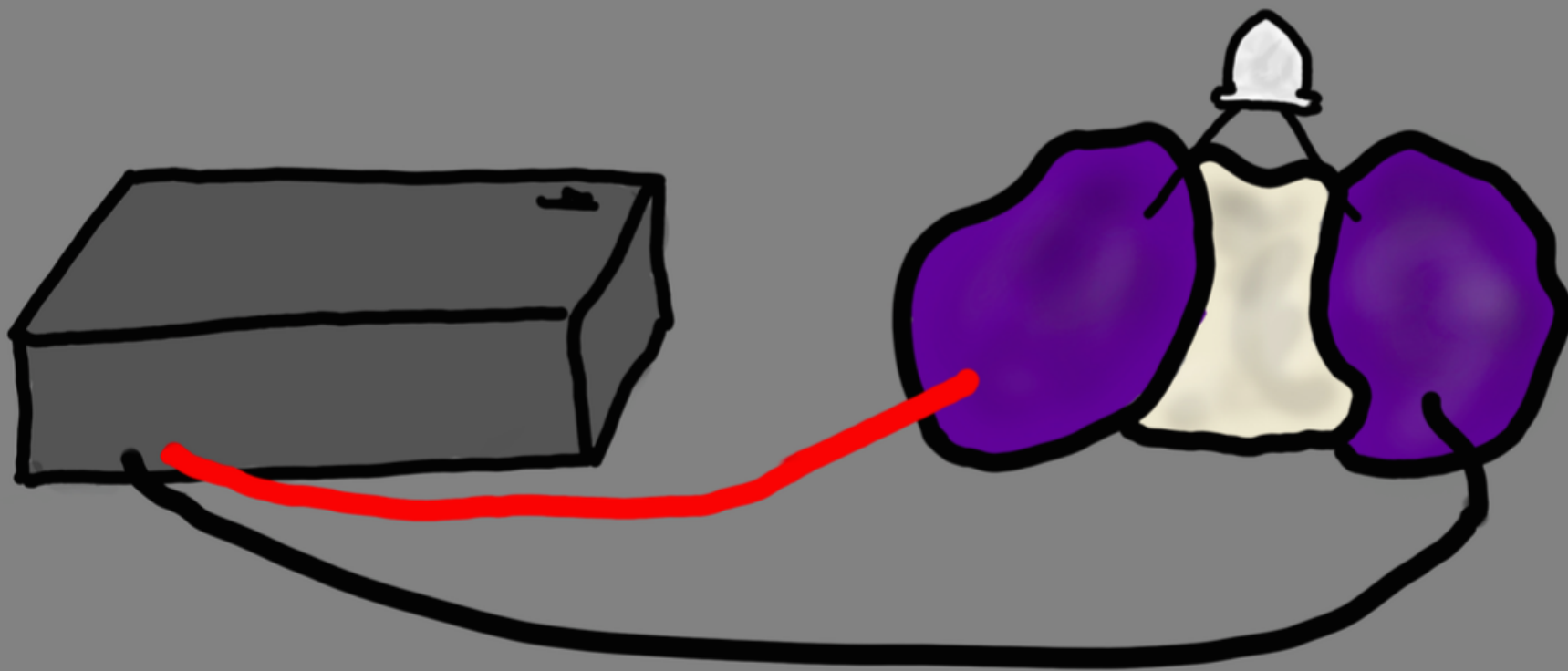
Circuit 2



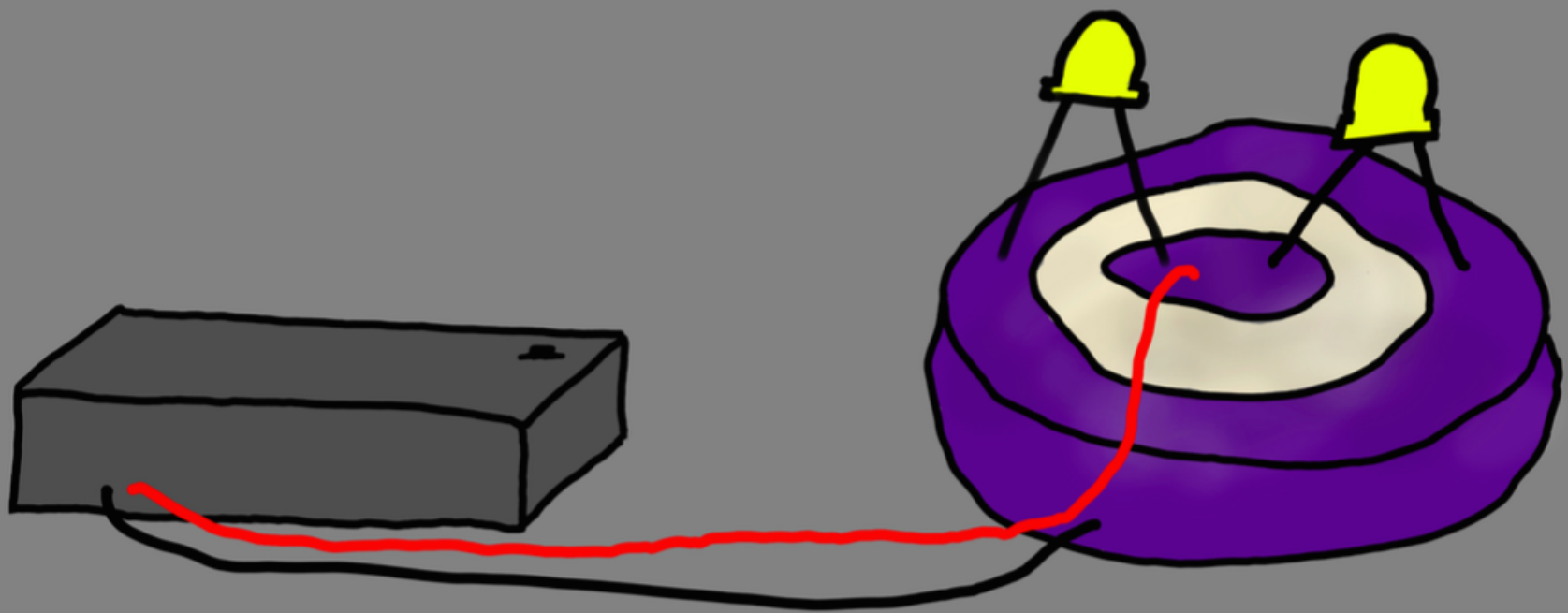
Circuit 3



Circuit 4



Circuit 5



Circuit 6

Try to make a circuit where the buzzer sounds
and the LED lights up.

They cannot be next to each other !

Create your own circuit !

You can use LEDs, dough, and the other materials at your disposal. :)

You are free to create what you want !

Please do not take batteries and buzzers

Thanks for your attention ! :)

Credits for the activities go to Playful Learning
Lab at the University of St. Thomas

This activity was supported by AAUW and we
would like to thank them very much !