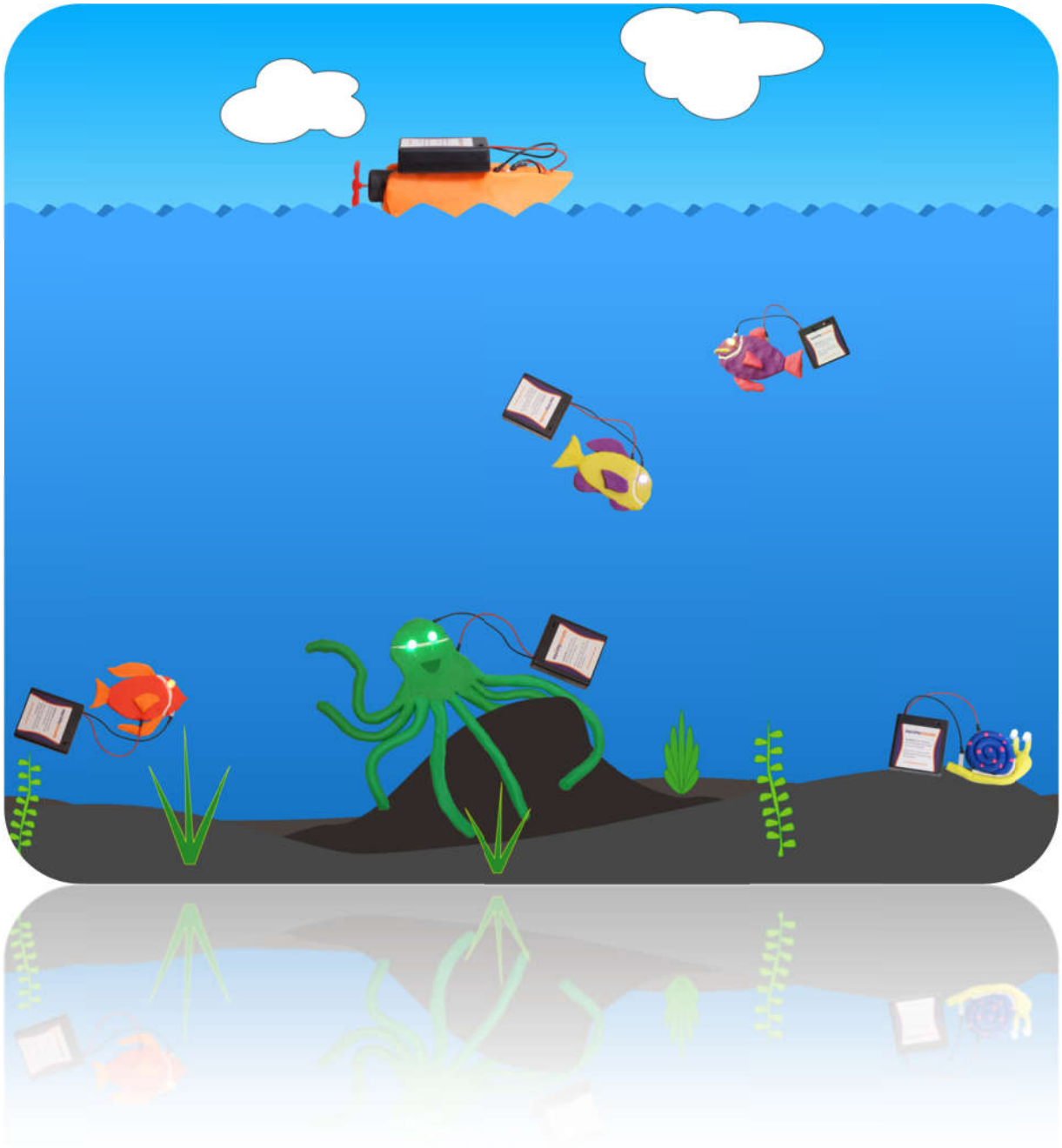
Under the Sea – Project Guide

Dive into Squishy Circuits by creating
your own under sea world!



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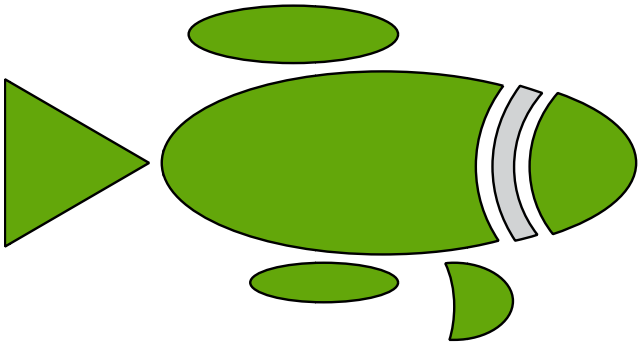
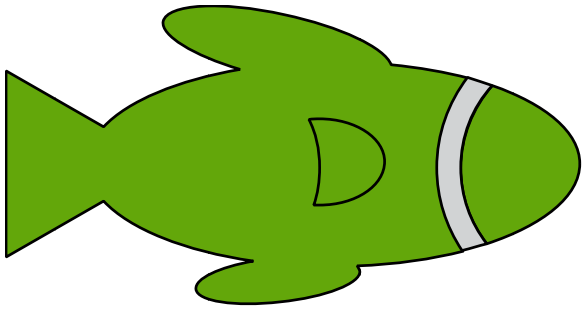
Fish

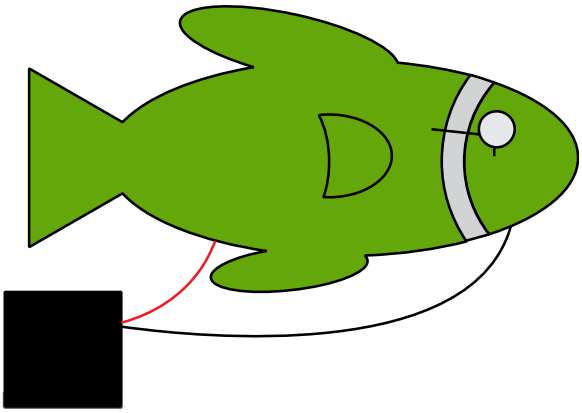
Step 1:
Roll out conductive dough (green) and insulating dough (white) and cut out these basic shapes.

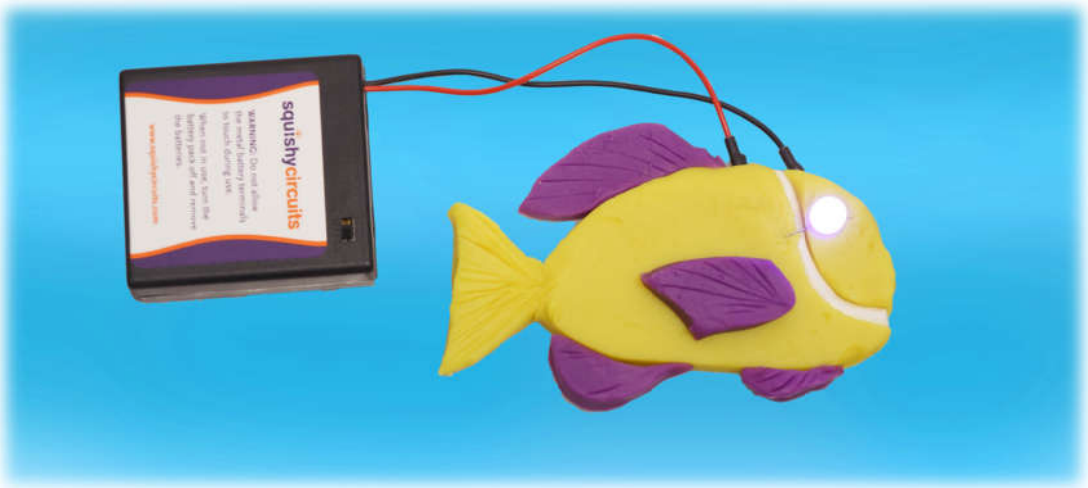




Step 2:
Mold the shapes together to make a fish. Make sure the insulating dough separates the face from the body.

Step 3:
Insert an LED for the eye. Be sure to place the longer LED leg into the dough with the red battery holder inserted.





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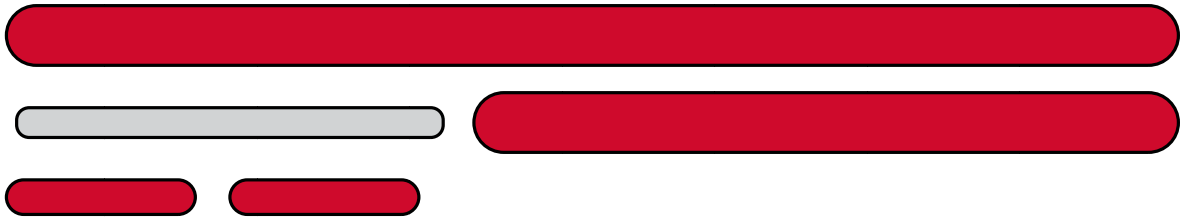
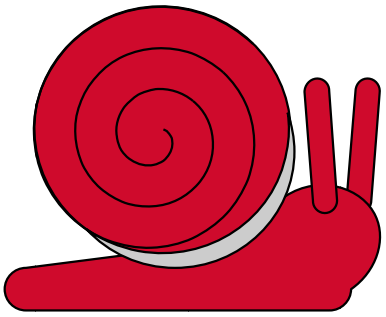
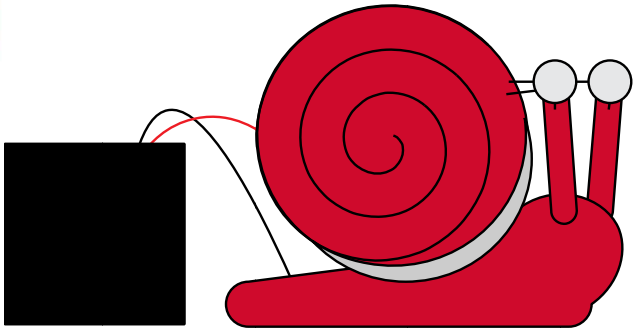
Snail

Step 1:
Roll out conductive dough (red) and insulating dough (white).



Step 2:
Roll the long play dough into a spiral shell. Then, create a body and head. Separate the two pieces with insulating dough. Attach the two antennas.





Step 3:
Bend the long legs of two LEDs to the shell side of the snail and the shorter leg is placed into the antennas. The red wire of the battery holder then goes to the shell and the black wire to the body.

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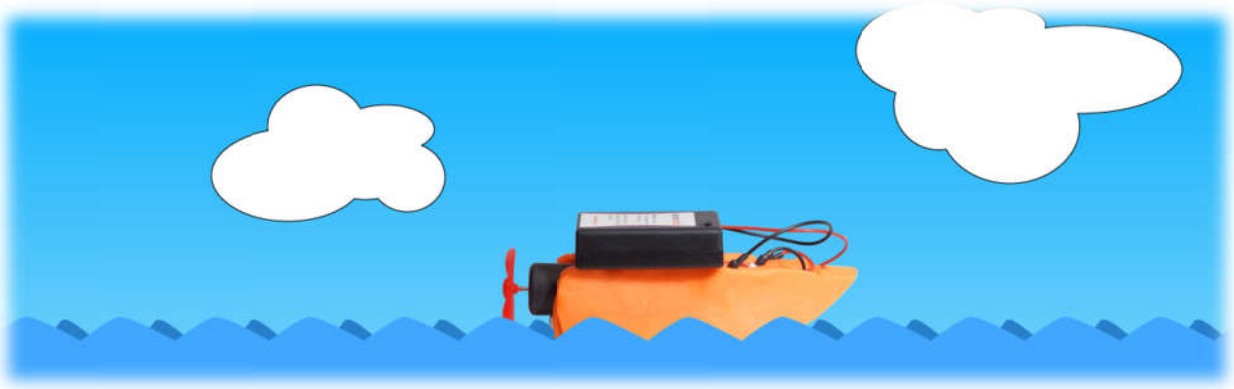
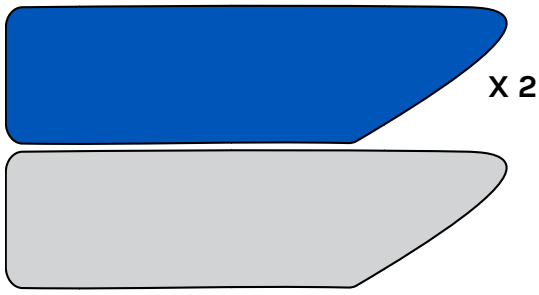
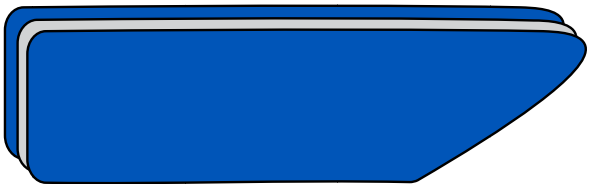
Boat



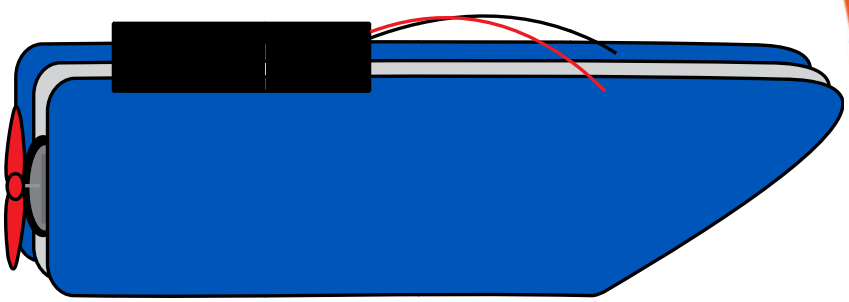
Step 1:
Roll out conductive dough (blue) and insulating dough (white) and cut out the boat shape.





Step 2:
Create a sandwich with the insulating dough separating the two layers of conductive dough.

Step 3:
Place the motor in the middle and place one wire into each side of the conductive dough. Then, place one battery pack into each piece of conductive dough.



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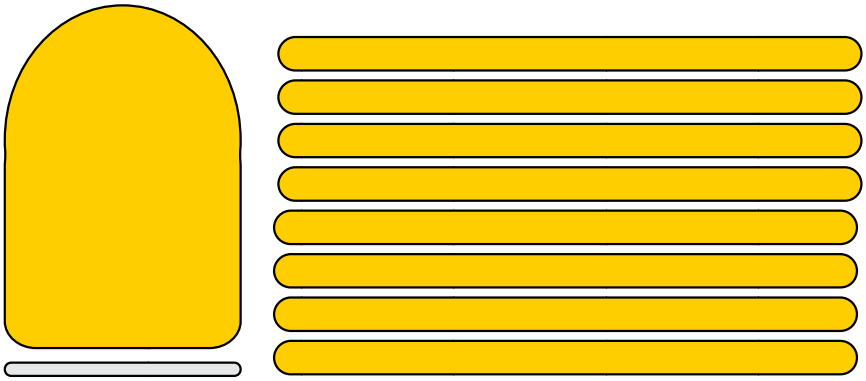
Octopus



Step 1:
Roll out conductive dough (yellow) for the head and arms and a small strip of insulating dough (white).

Step 2:
Split the head with the insulating dough and place each wire from the battery holder into each side. Place the LEDs with one terminal in each side – keep in mind the longer terminal goes to the red wire.