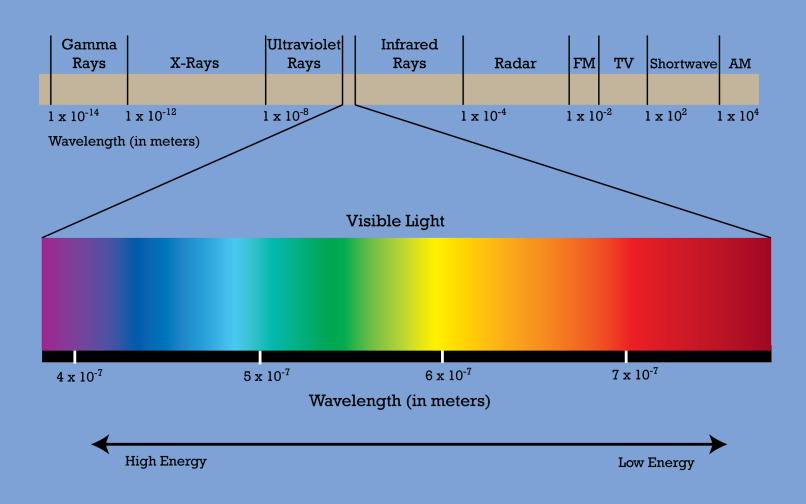


BIOLUMINESCENCE

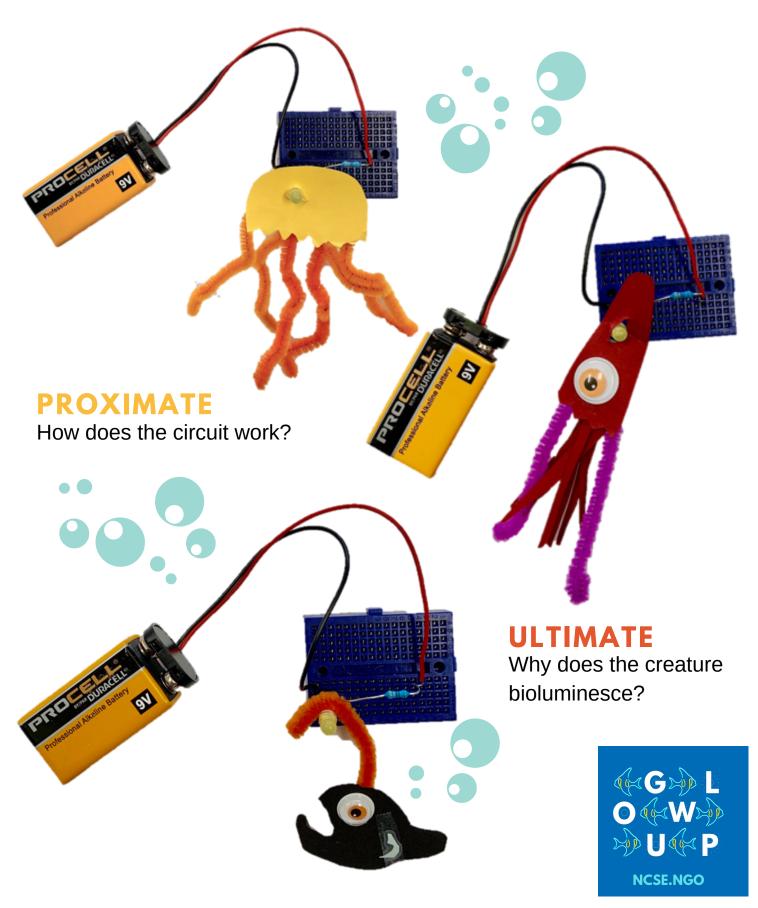


GUIDING QUESTIONS

What do you notice about red and blue light? Which light passes more quickly through the water? How does this affect bioluminescence?

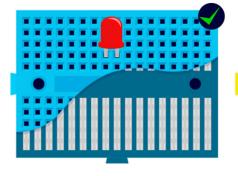


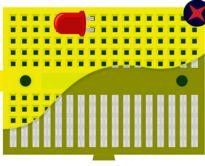
WHAT ARE THE PROXIMATE AND ULTIMATE CAUSES OF YOUR CREATURE'S BIOLUMINESCENCE?



CIRCUIT MATERIALS GUIDE

Breadboards





"The LED on the left is connected correctly, however the one on the

right will never work because both of its legs are connected together."

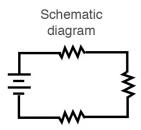
https://learn.pimoroni.com/tuto rial/

LED Diode



Resistor

Use to control the flow of the circiut

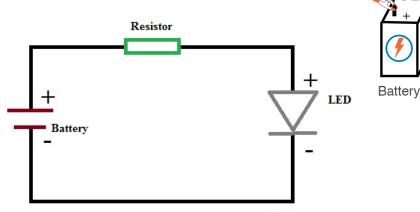


0 0 0 0 0 0 0 0

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Real circuit using a solderless breadboard



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CIRCUIT BUILDING TIPS

- Stay on the same side of the bread board
- The red wire should be on the same line as the resistor
- Match the short wire of the light with the negative (black) lead
- If it doesn't work the first time, keep testing!

