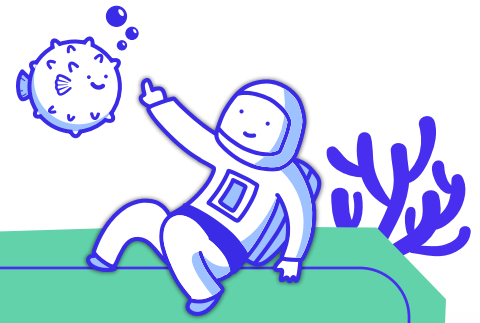


EXPANDING PUFFERFISH

Make your own pufferfish to see how it defends itself when faced with danger!



ITEMS NEEDED:



Balloon

Baking soda

Vinegar

Scissors

Teaspoon

Marker

Disposable glove

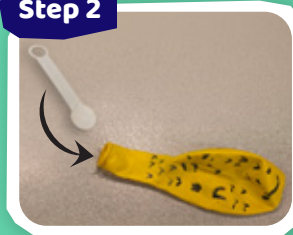
INSTRUCTIONS:

Step 1



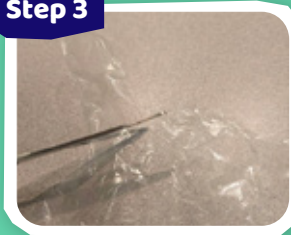
Draw the puffer fish and its spikes with a marker.

Step 2



Next, add about 4 teaspoons of baking soda into the balloon.

Step 3



Cut a finger off the disposable glove.

Step 4



Pour 3 teaspoons of vinegar into a finger of the glove and tie tightly.

Step 5



Place the vinegar pouch in the balloon.

Step 6



Tie up the balloon.

Step 7



Firmly squeeze the balloon to pop the vinegar pouch, then shake it to watch it puff up.

Note: Real pufferfish puff up under stress. Never touch or squeeze them in the wild.

DID YOU KNOW?

The reaction between the acid (vinegar) and base (baking soda) produces carbon dioxide gas, which fills the balloon. This imitates how pufferfish take in water or air inflates itself over twice their size to protect themselves from predators.

