Inspired by Nature (Biomimicry) Activity for Kids

GENERATION**GENIUS**



Waterproof Shoe DIY

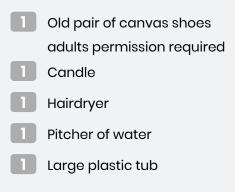
Uuration: 15-20 min

Difficulty: Easy



Make a shoe waterproof using an idea from nature!

Material List



Instructions

difference.

 Rub the candle back and forth all over the surface of one shoe.
Have an adult help you use a hairdryer to melt the candle wax into the shoe.
For best results repeat this process one or two more times.
Hold the treated shoe over a shallow container and pour water gently on it.
Next take the untreated shoe and pour water on it to see the

How It Works

The treated shoe has a special coating of wax that protects the shoe from getting wet. This is similar to the nasturtium plant in the video or the feathers on a duck. When you poured water on the treated shoe, the water just slid off. The untreated shoe got wet when you poured water on it. Being inspired by nature to solve a problem is called biomimicry.



