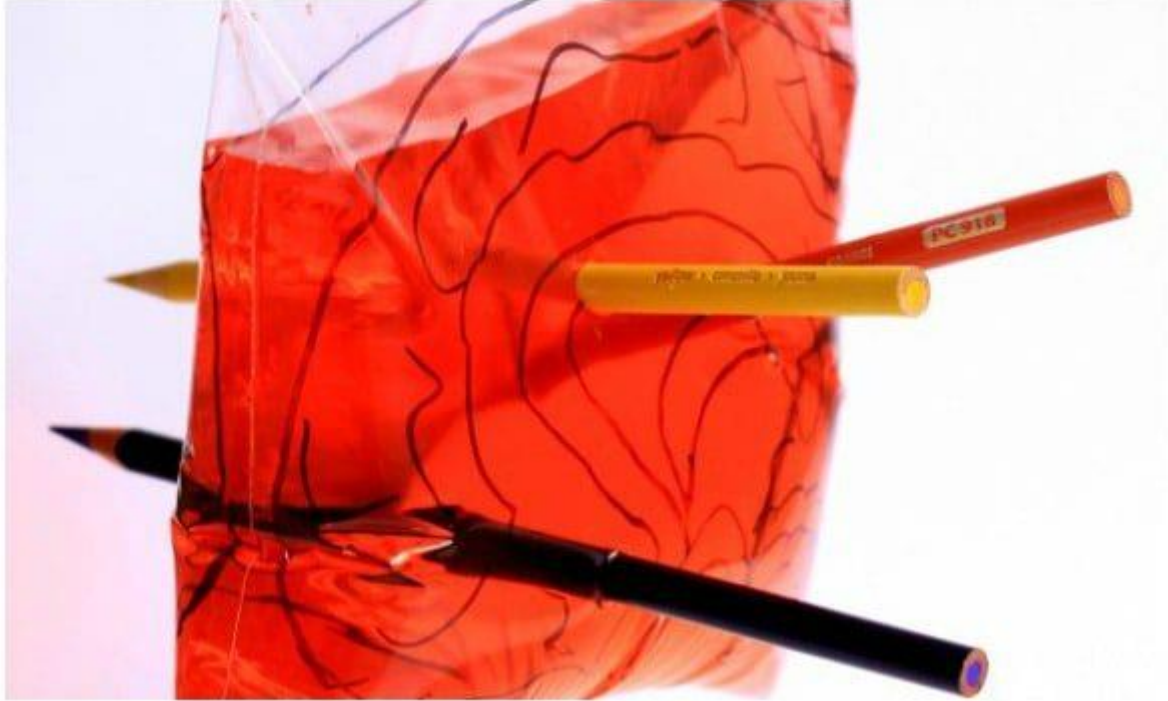


# BRAIN SURGERY



1. Sketch a brain onto a ziplock bag using a sharpie
2. Fill your ziplock bag with brain juice and seal it
3. Poke sharp pencils through the brain and see if any brain juice falls out

## The Science Behind It

Plastic bags are flexible as they contain long chains of molecules that can bend and flex. When you pierce the bag, the molecular chains in the plastic flex around the pencil inside the hole, creating a tight seal around the pencil and preventing the water from escaping. When you remove the pencils, the polymer chains can't move enough to fill the holes.