**Bill Nye: Simple Labs**

**Science is how we learn about the world.**

**A good science experiment is repeatable.**

**What does water vapour do when cooled?**

**condenses, turns to liquid water**

**How can we eliminate static electricity on our clothes? spray with water**

**When matter is a gas, it usually is invisible but it still has mass**

**An example of a gas with mass is carbon dioxide.**

**Baking soda + vinegar will produce what gas? Carbon dioxide**

**Water causes light to bend, making objects appear where they are not, like a penny in a plate full of water.**

**What makes the card stay in place when the glass of water is inverted? Room air pressure pushes against the card and holds the card in place**

**What type of solution is better for things to float in?**

**Salt water**

**Explain the last answer: salt water contains more “stuff” so it can hold up the egg**