

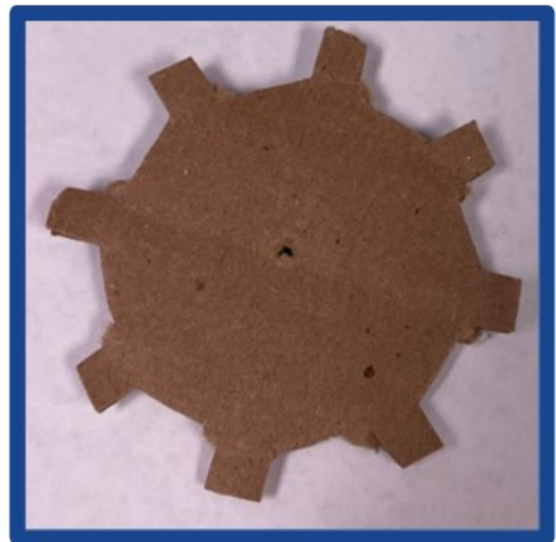


Make Your Own Gears

Gears in the Antikythera Mechanism are able to connect to other gears. So if you spin one, it can make another one spin. They spin differently if they are different sizes or have different number of teeth. This is how it can do calculations. Build your own gears and make your own Antikythera Mechanism!

Supplies Needed:

- Cardboard or foam circles
- Scissors
- Toothpicks



Steps:

1. Have an adult help you.
2. Cut teeth into your cardboard circles. Make sure they are evenly spaced.
3. Use a toothpick to connect your gears to a piece of cardboard or a box. Make sure to place them close together so the gear's "teeth" can move other gears!
4. Move one gear and see if you can move others.
5. Move your gears to create new combinations!

