Graham Cracker Plate Tectonics

Step 1: Divergent Plate Boundary (seafloor spreading)



Break a whole cracker into two squares

Place Cool Whip on plate

Lay crackers side by side on Cool Whip

Press down lightly and push apart in opposite directions

Step 2: Convergent Plate Boundary (oceaniccontinental)



Lay a WHOLE graham cracker (not like this pic) end to end with the foam board on the Cool Whip

Push them together slowly and see which plate is less dense and rides up over the other

Step 3: Convergent Boundaries (continental)

Re use last cracker, break into four pieces and set two aside

Dip one end of each cracker 2 cm in the water cup

IMMEDIATELY remove and lay end to end in the whip with wet edges touching

Push together slowly



Step 4: Transform Plate Boundaries

Use the last two cracker pieces side by side on the Cool Whip

Place one hand on each piece and push together while also sliding them past each other (one push, one pull)

It should hold steady until it breaks under pressure (EARTHQUAKE!!)

