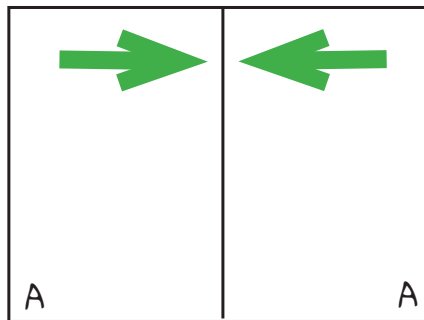
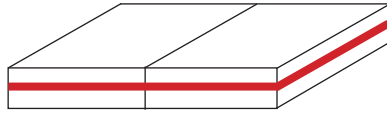


PLATE MODEL INSTRUCTIONS 1

Model A



Model A: Continental Plate Convergent Boundary

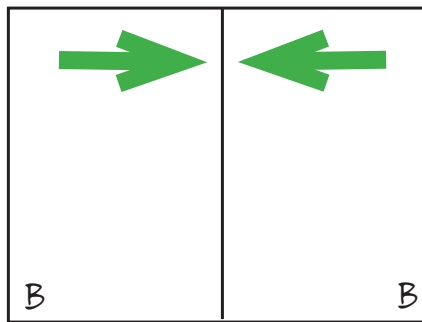
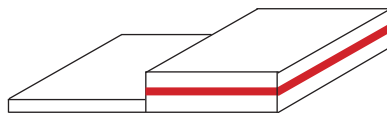
Instructions:

1. Place the two foam pieces together with the arrows pointing toward the center.
2. Slowly push the two pieces together and observe.

Questions:

1. Draw and describe what you observed as the two pieces were pushed together.
2. Where do you see a plate boundary with continental crust pushing together on Earth?

Model B



Model B: Ocean Plate/Continental Plate Convergent Boundary

Instructions:

1. Place the foam piece and the cardboard piece next to each other with the arrows pointing at each other.
2. Slowly push the two pieces together and observe.

Questions:

1. Draw what you observed happening when you push the pieces into each other.
2. What happens to the foam as you push it into the cardboard?
3. What happens to the cardboard as you push it into the foam piece?
4. Where do you see a plate boundary with continental crust and oceanic crust pushing together on Earth?