

My Tectonic Plate Boundary Tour

Materials list — everything needed for the eight-step project

AHS Worldwide | Earth Science | Unit 1 Project | Middle School

HOW TO USE THIS LIST: Gather these before Step 1, because your student works through all eight steps with the same set of materials.

Print Before You Begin

- ☐ The My Tectonic Plate worksheet — your student writes in it during every step, and turns in the Step 1–4 pages after Step 4

Materials Needed

- ☐ Cloth scraps — felt, fleece, flannel, an old T-shirt, denim, towel material, or any fabric that is easy to cut and move. Different colors help, but are not required.
- ☐ Paper — for plate labels, measuring strips, and planning
- ☐ Pencil
- ☐ Colored pencils, crayons, or markers
- ☐ Permanent marker, or sticky labels
- ☐ Scissors
- ☐ Ruler
- ☐ Calculator
- ☐ An internet-connected device — for researching the plate
- ☐ A phone or camera — for photographs and the final video presentation

Helpful but Not Required

- ☐ A cookie tin, shallow box, large tray, or cardboard sheet, to hold and carry the models
- ☐ Tape or binder clips, for attaching labels and measuring strips

ABOUT THE CLOTH: Every model needs two pieces of cloth, one for each real plate, and the project builds two or three models that all stay together as one boundary tour. Plan on four to six pieces about the size of a sheet of paper. Anything easy to cut and slide will work.

SAFETY: Ask an adult for help if the cloth is hard to cut. This project needs no craft knife, hot glue, motor, heat, water, or electricity.