

Build Your Own Seesaw!



Up and down, again and again! Build a miniature see-saw with a lever and a fulcrum and watch it go!

- 1.) **Step 1: Build your axle and bearing!** Take a straw, unwrap it, and cut off 1-2 inches. Slide it onto a chopstick to create an axle and bearing on which your seesaw will turn.
- 2.) **Step 2: Build your lever!** Take a craft stick, piece of cardstock, piece of cardboard, or anything else flat. Measure it and make a mark right in the middle. Attach this flat piece, now called the *lever*, to the straw at the middle mark so that your seesaw is equally long on both sides. The middle point is now called the *fulcrum*, the point around which the lever moves.
- 3.) **Step 3: Build your base!** Grab some cups, cardboard, or other materials and make a base to hold your seesaw off the top of the table. Make sure the lever can freely move up and down.
- 4.) **Have fun!** Try to balance your seesaw with items of different weights!