



# Changing shape

You can change the shapes of some objects when you push or pull them.

When you push most things they move away from you. But if you hold soft things, springy things, or bendy things tightly, they change shape instead.

You can see the way things change shape on this page.



A potter uses a wheel to turn the soft clay. Then he **PUSHES** on it with his fingers and it begins to change shape.



He can **PULL** with his hand to draw the clay up into a vase shape. He can then **PUSH** on the edge with a scraper to get a smooth finish.

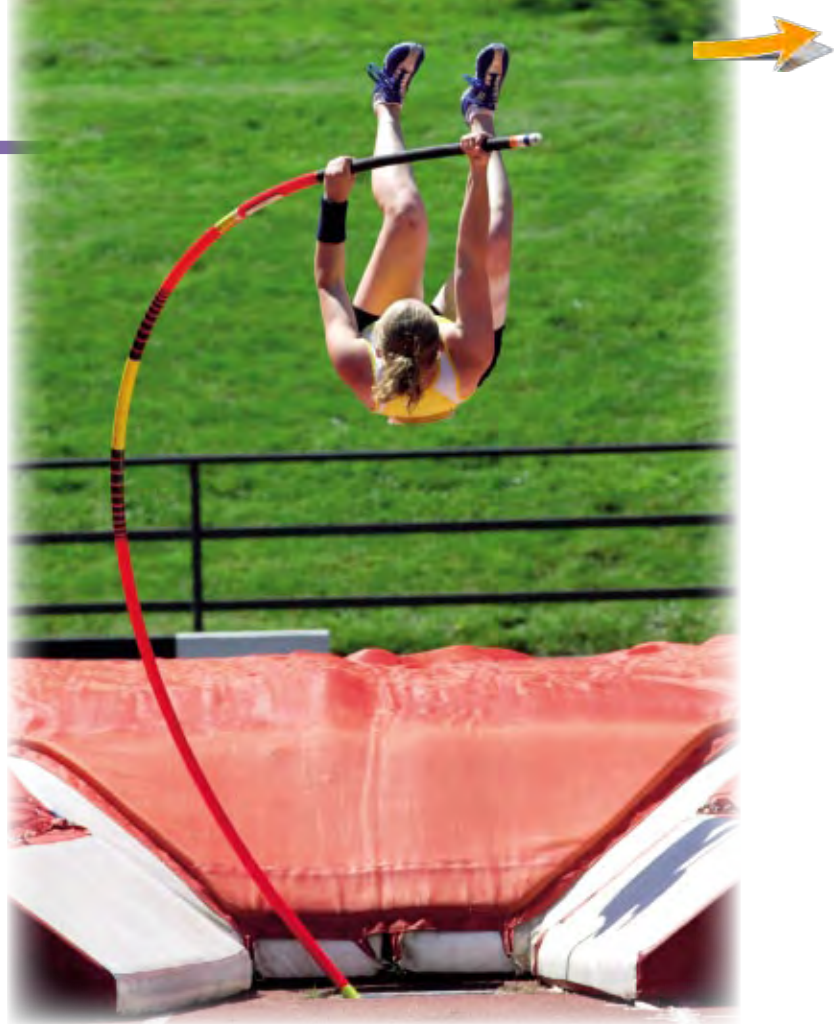


He can **PUSH** with his fingers to make grooves.





When you squeeze a sponge you PUSH your fingers together and the sponge changes shape.



An athlete pulls on one end of a pole and it bends.



When you blow a bubble you push on the soap film and stretch it.



To make a rubber band get longer you pull it.

**Do you pull or push on clay to roll it into a ball?**