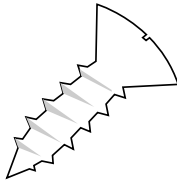


# SIMPLE MACHINES PRE-VISIT ACTIVITIES



## SCREW

Screws are specialized inclined planes that are used to raise and lower things as well as hold things together. Screw tops help hold lids on tight.

**HOLDING IT TOGETHER**

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### MATERIALS

- A screw-top milk jug
- A push-top milk jug



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### STEPS

- 1) Fill both milk jugs with water.
- 2) Place the tops on the milk jugs.
- 3) Step outside or to an area where you can make a mess.
- 4) Drop the milk jug with the push-top to the ground, what happens?
- 5) Drop the milk jug with the screw-top to the ground, what happens?

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### WHAT'S GOING ON HERE?

The screw top of the milk jug is tighter than the push top. When dropped to the ground, the water forces off the push-on cap, where the screw-top holds the cap in place.

