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.

MATERIALS
• A screw-top milk jug
• A push-top milk jug

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?

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.