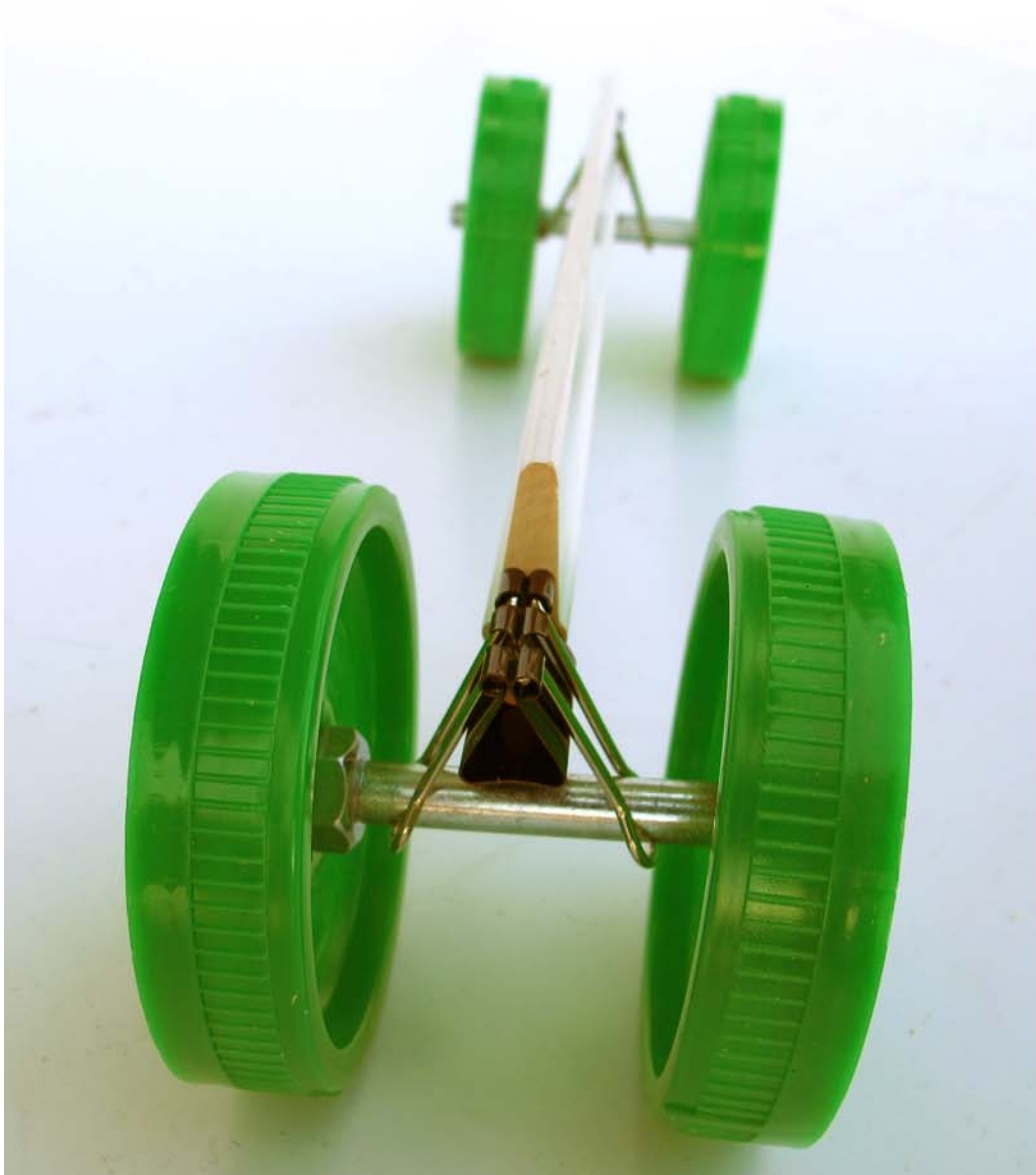


(Class 1) **Lever** Simple Machines & Basic Forces



(Archimedes') **Screw**: Simple Machines & Basic Forces

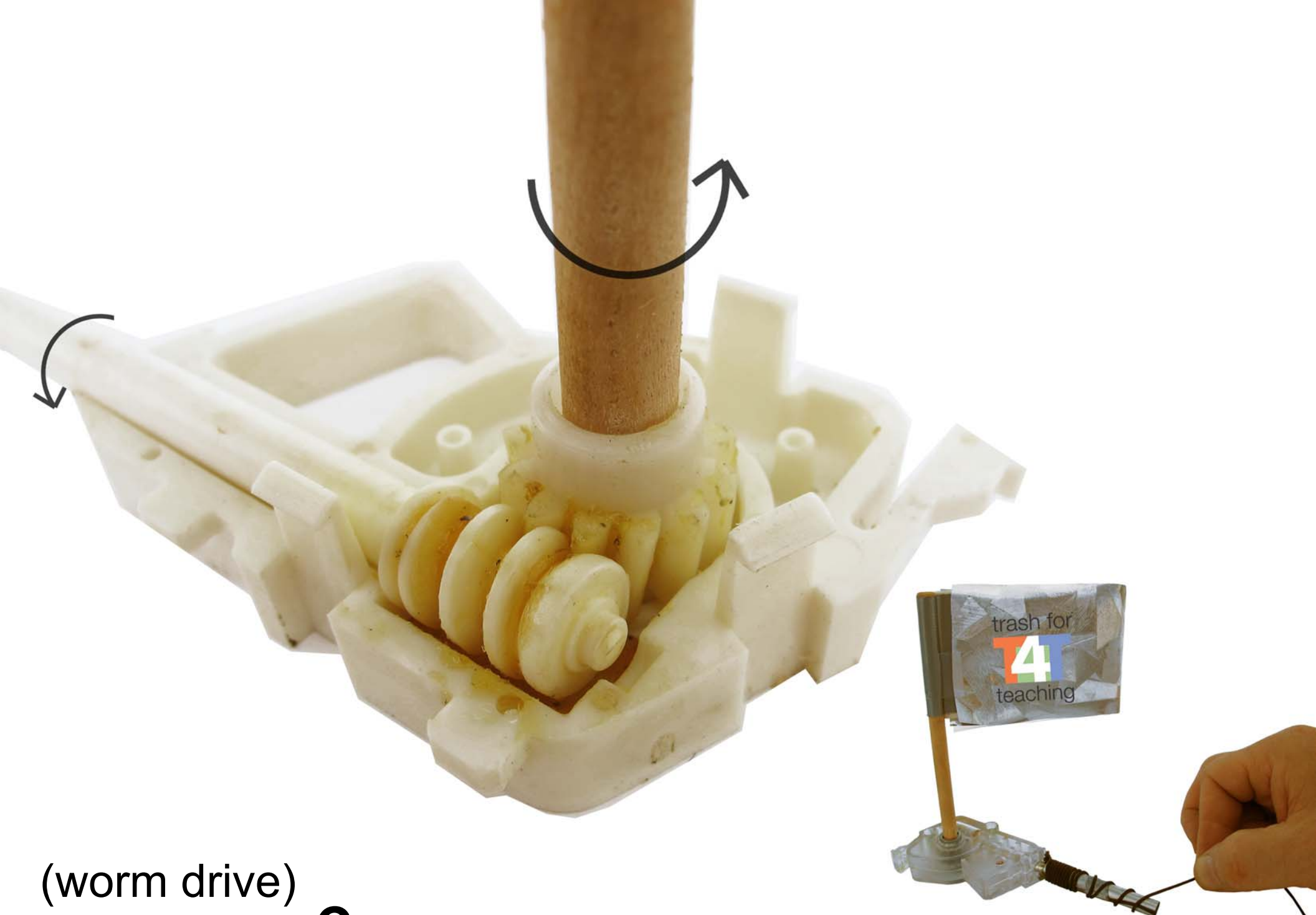




Simple Machines & Basic Forces:



wheel & axle



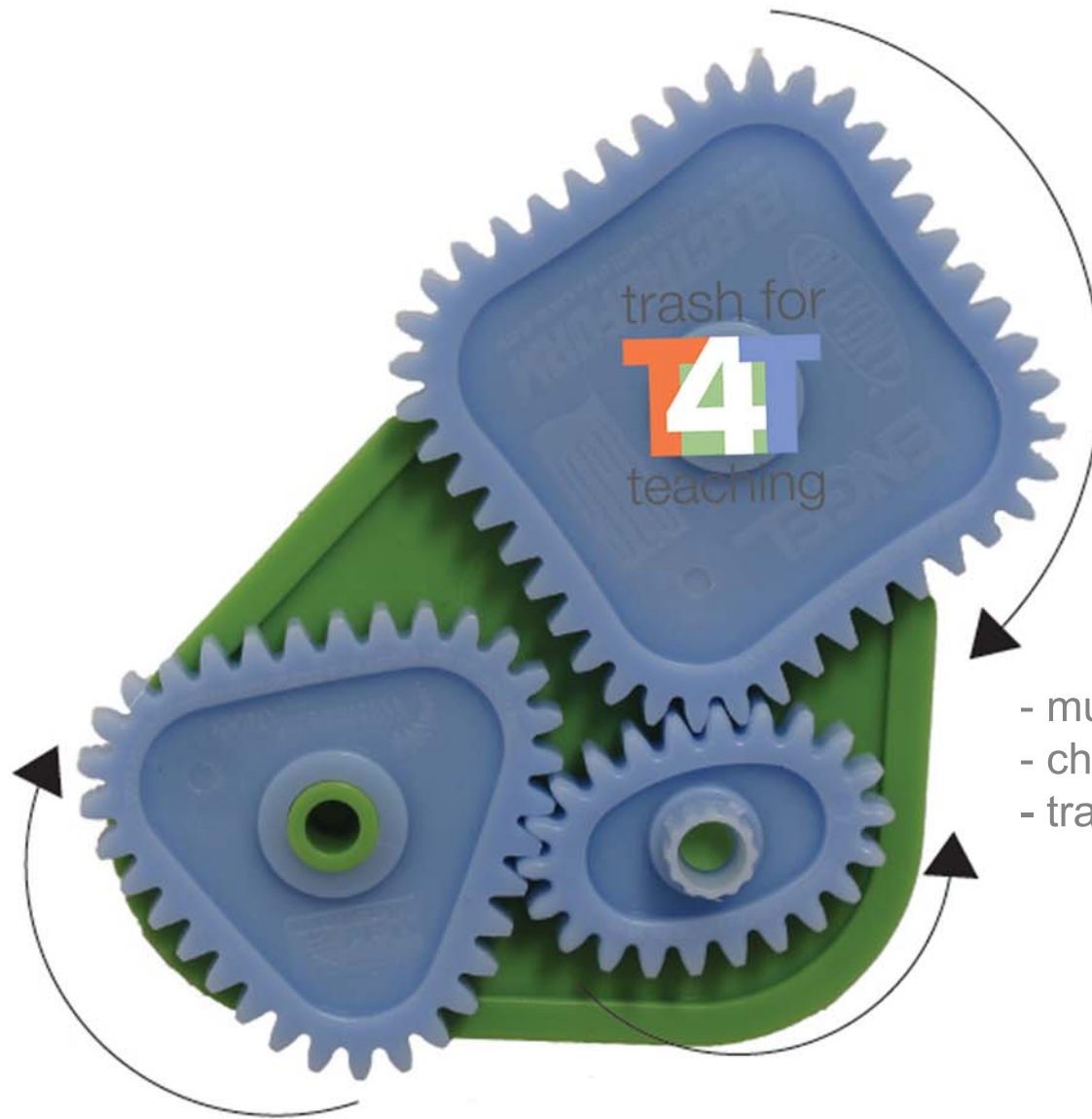
(worm drive)

screw & gear

Simple Machines & Basic Forces



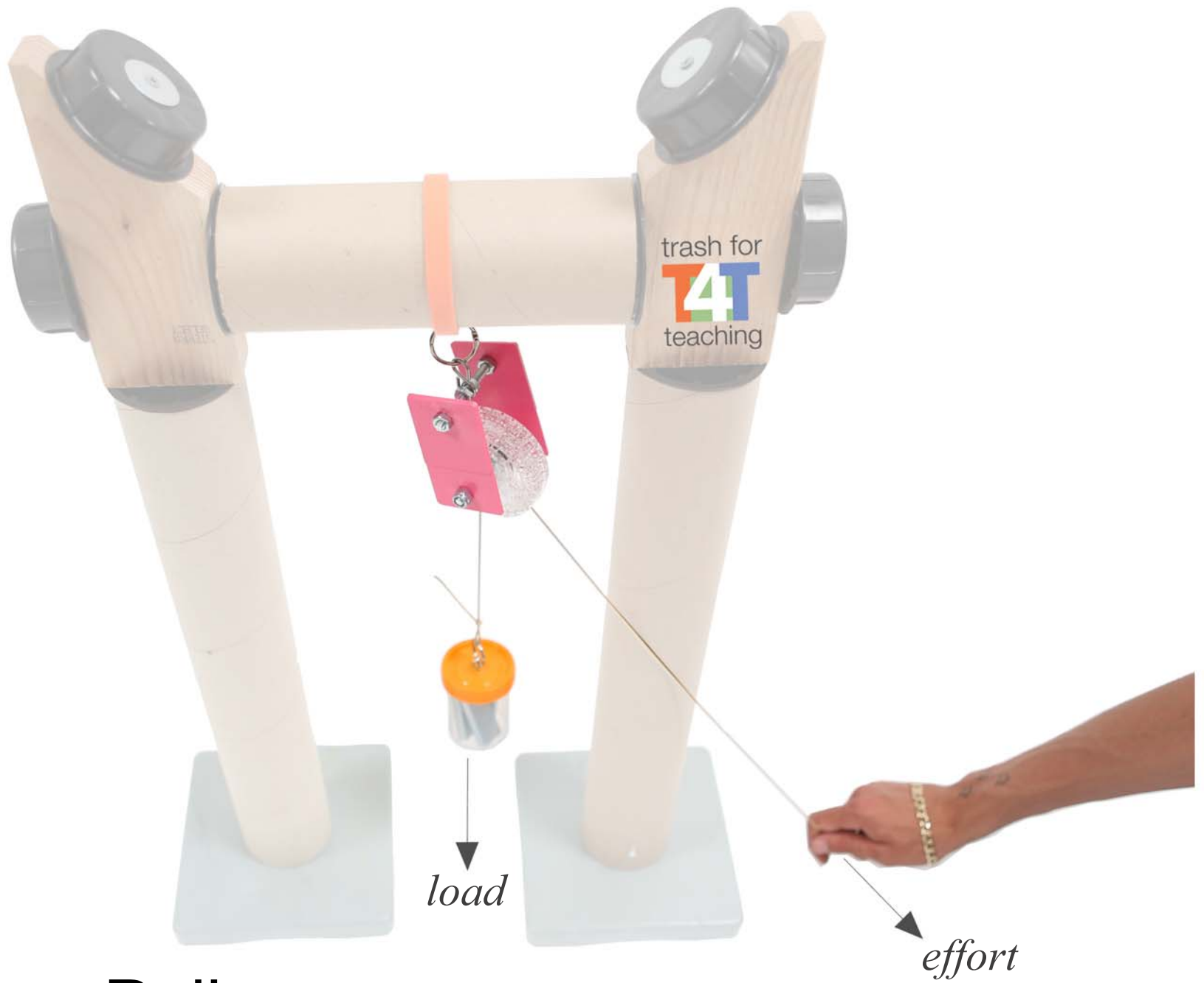
wedge Simple Machines & Basic Forces



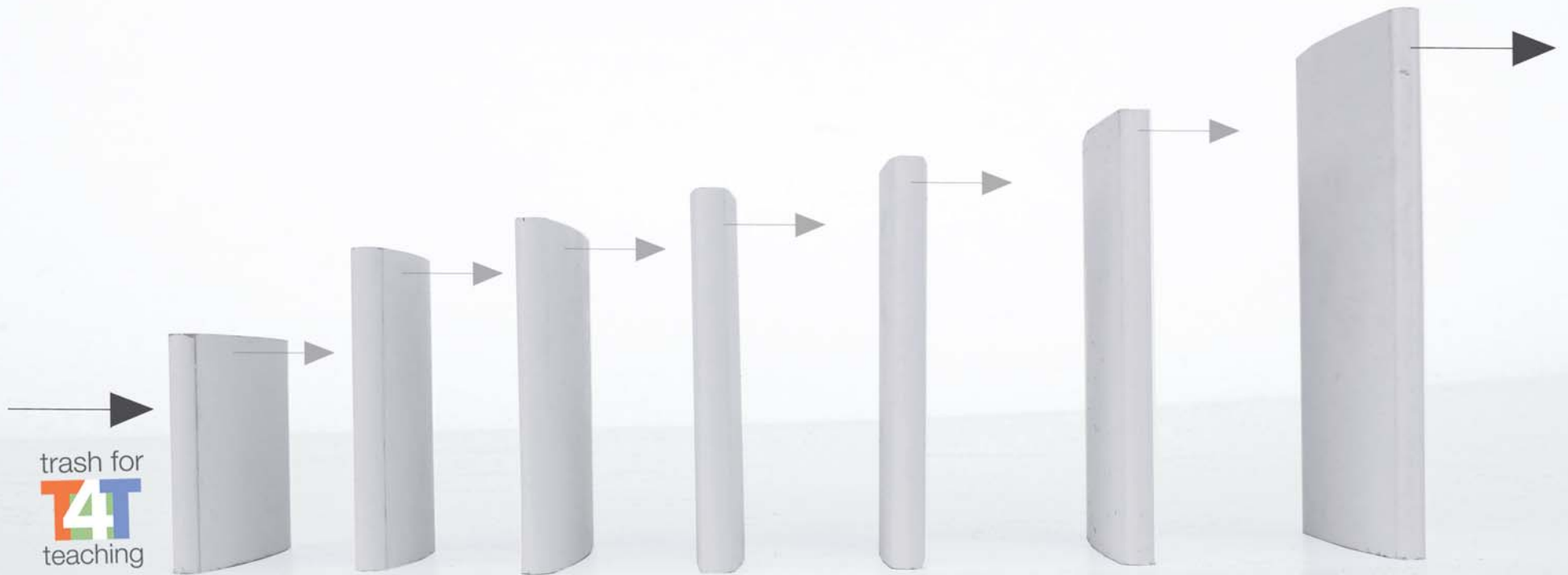
- multiply or reduce speed and force
- change the direction of motion
- transmit a force over a distance

Gears

Simple Machines & Basic Forces



Pulley Simple Machines & Basic Forces



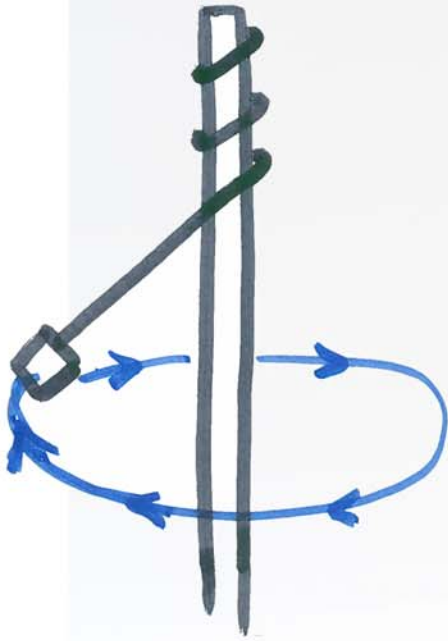
Dominoes (Transfer of Potential to Kinetic Energy)



Elasticity



Pendulum



Conservation of Angular Momentum

