



LET'S GET GREATIVE!



Reminder: In Cycles 2 and 3, wheels should be made of common circular objects.

Corks

Lids of any

kind



Coasters

Compact discs



Bottle caps



Empty spools of thread







Buttons



















Wooden skewers



Pencils



















Now, how would you link the wheels of your vehicle together?











And how will you attach the axles to the wheels?







LET'S GET GREATIVE!



You'll also need to think about attaching your wheels and axles to your chassis. How would you do that?

















Tape



Nuts and bolts



Beads



Pipe cleaners

White glue



Hot glue



Modeling clay



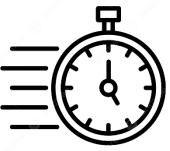








NOW THAT YOU'VE GOT THE TOOLS, BUILD YOUR PROTOTYPE AND TEST IT OUT!







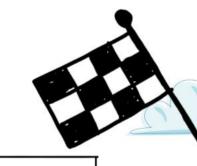


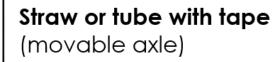








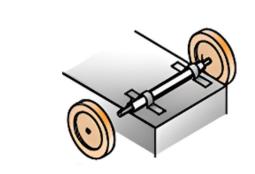


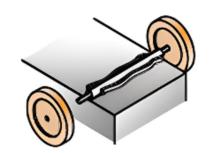


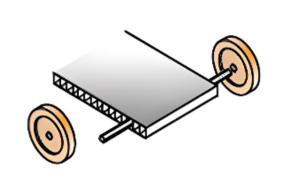
Straw or tube with modeling clay (movable axle)

Insert a rod into the corrugated plastic board

(fixed or movable axle depending on tube diameter)



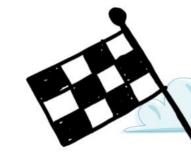


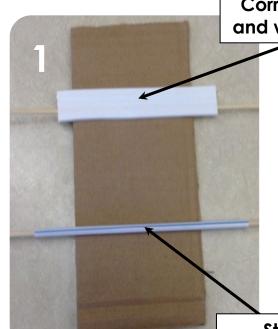






IDEAS FOR WHEELS AND AXLES









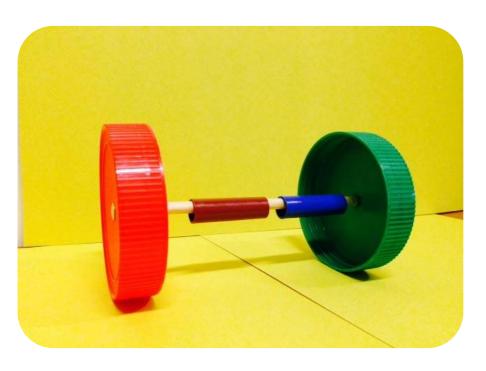
Straw and wooden skewer































- the wheels are not properly fastened to the axle?
- the axle is not fastened to the center of the wheel?
- the axles are not the same size?

- the size (thickness) of the wheels varies?
- wheel diameter varies?













- the axles are not parallel?
- the wheels on the same axle are different sizes?