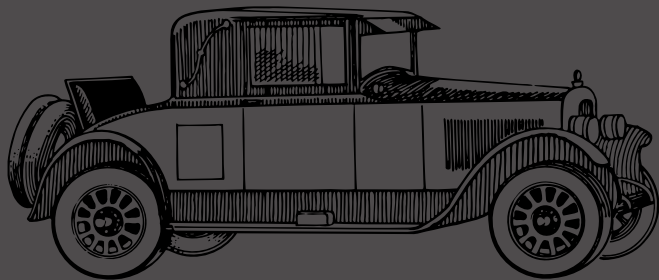


STEAMIN' DAY ACTIVITY PACK

AGES 8-12

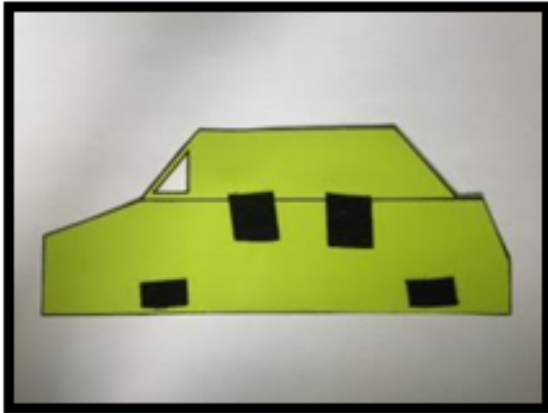


Marshall Steam Museum
at Auburn Heights

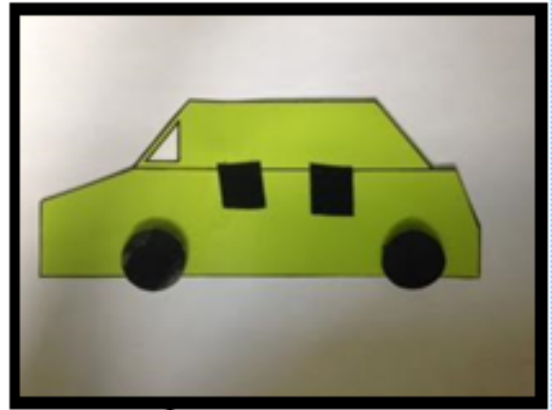
ASSEMBLY LINE

Assemblers...assemble!

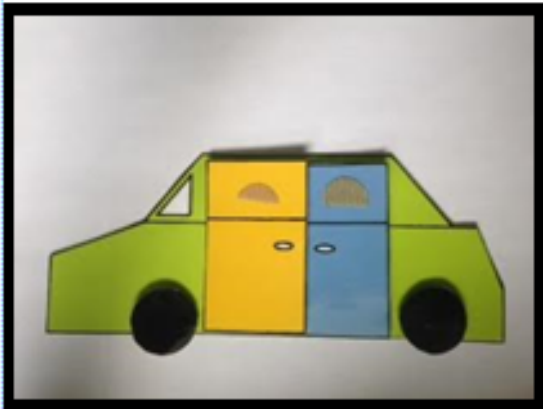
Grab the body of the car



Add the front and back wheels



Add the front and back doors

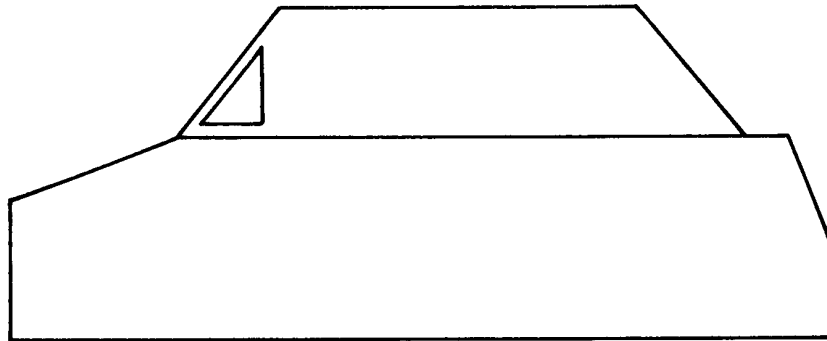


Add the front and back windows

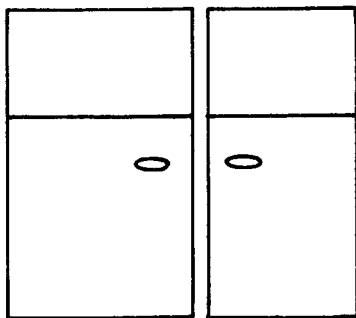


Print out the car and its parts on the following page.
Print as many as you'd like! Color and cut them out.

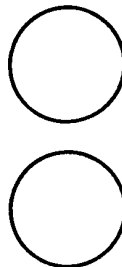
ASSEMBLY LINE



basic car



doors



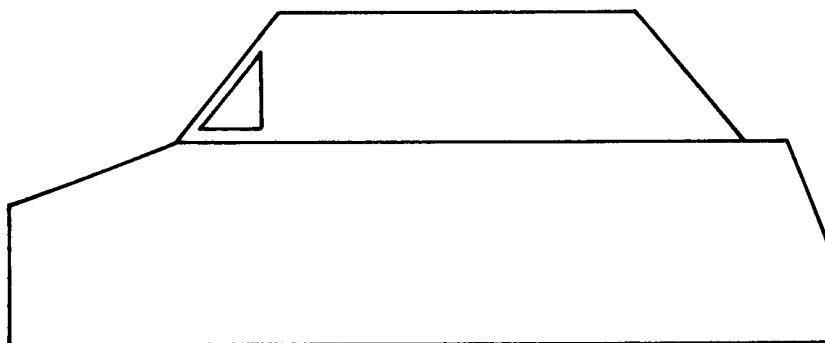
tires



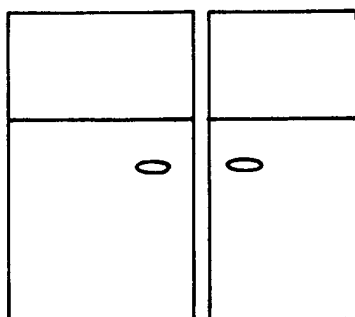
windows



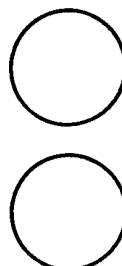
bumpers



basic car



doors



tires



windows



bumpers

ASSEMBLY LINE: TEST

Put all similar parts of the cars into piles. Are you ready?

Set your timer to one minute and see...

*How many cars can you
assemble?*



*Challenge another
person and see how
many you both can
assemble*



*Gather up people in
your household and
form an assembly line.
How many can you
assemble now?*



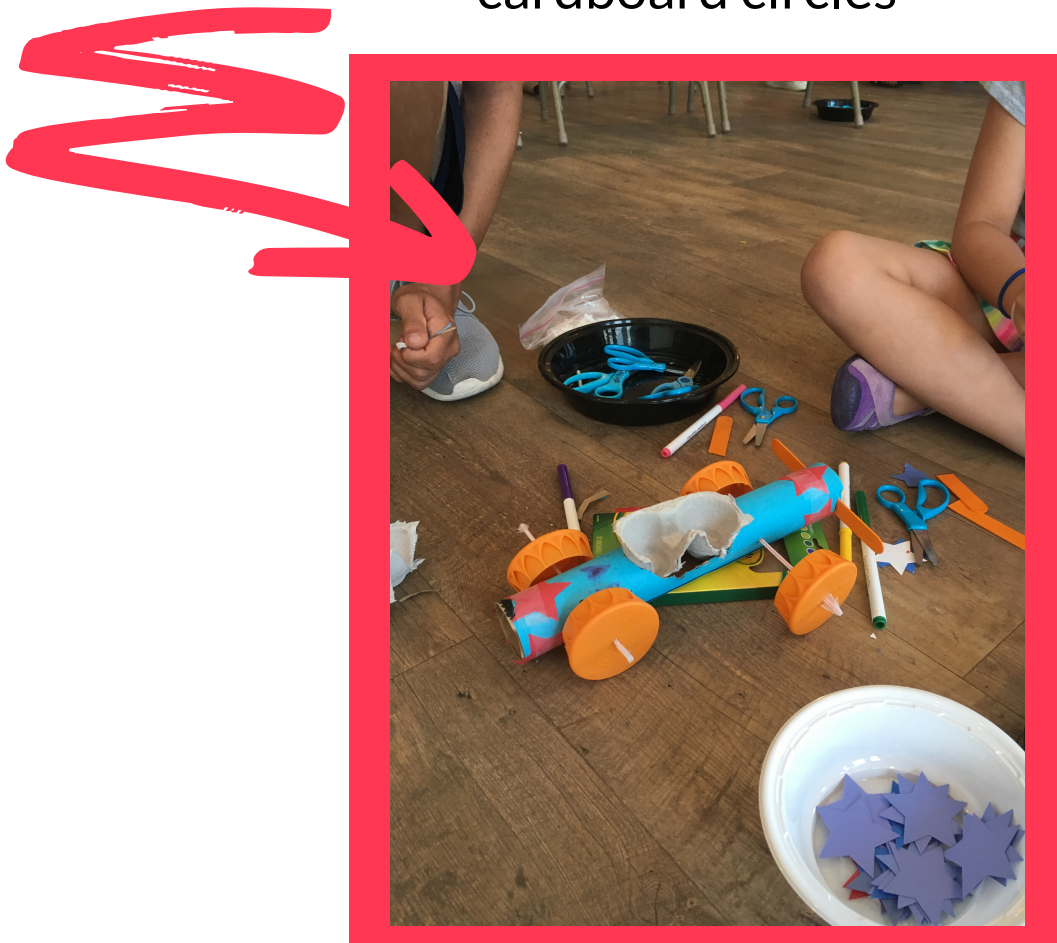
RECYCLED MATERIAL CAR

Create Your Car Factory

Car body (1): Paper rolls, cardboard boxes, plastic bottles or containers

Axle (2): Toothpicks, straws, dowel rods, coffee stirrers

Wheels (4): Plastic bottle caps, cardboard circles



RECYCLED MATERIAL CAR

Assembling Your Car

Car body: Consider using what will not only make your car look good, but what might make it go faster or travel further.

Axle: Once wheels are added to your axles, they can be taped to the bottom of your car

Wheels: Have an adult help punch a hole in the center of your wheel material. It must be big enough for your axle to fit through



TEST YOUR CAR

How far can it go?

Draw or tape lines to test how far it can go.
What can you improve to make it go further?

How fast can it go?

Test it on different surfaces, outside or inside. Use a watch to time it! What can you improve to make it go faster?

Will adding a sail
make it go faster?



TEST YOUR CAR

How fast did my car go?

How far did my car go?

Improvements made to my car: