

FALL 2020

## Edible Cars

**Objective:** Design and build a car out of only edible items.

**Materials:**

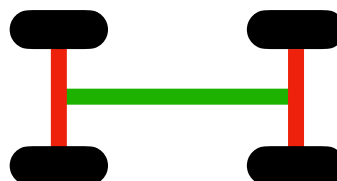
- ANYTHING that is safe to eat
- Cardboard (for ramp)

**Time:** 30-90 minutes

**Tip:** Challenge a family member in this edible car experiment.

**Step one: Design**

Take a sheet of paper and draw your edible car design. For your car to easily roll down a ramp, you will need to find a way for your wheels to turn freely.



**Step two: Build**

Using your edible materials and your drawn design, construct your car.

**Step three: Roll**

Set up your cardboard to get an angle that will allow your car to roll freely to the floor. Tape the top and bottom of your cardboard to keep it in place. Place your car at the top of your cardboard ramp and let it roll down onto the floor. If someone joined you in this challenge, release the cars from the top of your ramp at the same time. Is one faster? Does one roll straighter? Do they stay together?

**Step four: Reflect/Rebuild?**

Would you make any modifications? Try your updated design!

PLEASE share your designs, creations, and results with me.

I love to see all of your creative ventures.

-Miss Emily

[edesler@forestcharter.com](mailto:edesler@forestcharter.com)