**Edible Car Contest for Students**

Participant Activity Sheet

Constraints for the Edible Cars:

1. The cars must be built entirely from food items edible to

humans.

2. Entries must look like cars.

3. Entries must have at least two axles and at least three wheels,

 all edible to humans.

4. To be eligible for a speed prize, the entry must roll down a

 Ramp approximately three feet long.

**Team/Car Name:**

**Material List:**

**Edible Car Design:**

As you build the prototype for your car, identify any challenges that you

encounter and how you overcome them.

Calculate the average speed of your edible car:

Edible Car’s Average Speed = (Distance Traveled)/(Time to Travel the

Distance)

What challenges did you encounter when building the prototype for your car? And, how did you overcome them?

Did your car successfully make it down the ramp?

How fast did your car go?

How would you change the design of your car to make it better?