**Edible Rover – Worksheet**

1. Describe a Mars rover’s instrumentation. What scientific instrumentation can be found on a Mars rover and what does each instrument do?

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1. Draw a picture of your completed rover in the space below. Label the parts of your rover and dimension the major parts. **Do not forget, the rover’s instrumentation should match the scientific instruments that you chose in the Rover Scientific Instrumentation Options Math Worksheet**.
2. What is the size of each part of your edible rover? What materials are you going to use to make each part of your edible rover? Fill in the table below.

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| **Part** | **Part Size** | **Material** |
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1. What steps will you follow to make your edible rover?

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1. Once you have retrieved the necessary food items to make your edible rover, measure all three or four of your rover’s wheels (these should be of the same food item).

Wheel 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wheel 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wheel 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wheel 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is a reasonable dimension and tolerance for the wheels? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What parts or parts of your edible rover do you like the best?

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1. Describe any design changes you would to make to your edible rover if you had the chance to make it again?

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