

# EDIBLE LANDSCAPES

**Objective:** *Use common household items to discover ways that landscapes are moved and shaped.*

- Materials:**
- Chocolate chip ice cream
  - Plastic spoons
  - Candy pieces
  - Ice cream scoop
  - Graham crackers
  - Tin foil
  - Paper towels
  - Pretzels sticks
  - Plastic gloves
  - Baking sheet or pan

**Procedure:**

1. Line your baking sheet or pan with tin foil and put on plastic gloves.

2. Crumble the graham crackers onto the baking sheet in a mound.



3. Sprinkle or place the candy and pretzels all around the graham cracker crumbs.

4. Place a scoop of ice cream on top of your crumb, pretzel, & candy mixture.



5. Put on plastic gloves and compact the ice cream by squeezing it.

6. Write down your observations in the Observations section below.

7. Pull the ice cream back across the crumb.



8. Write down or draw your observations in the Observations section below.

Name:

**Observations:**

<i>As the ice cream is compacted...</i>	<i>As the ice cream is dragged across the crumbs...</i>
<p>1. What happens to the crumbs?</p>          <p>2. What happens to the ice cream?</p>          <p>3. What happens to the candy and pretzels?</p>	<p>1. What happens to the crumbs?</p>          <p>2. What happens to the ice cream?</p>          <p>3. What happens to the candy and pretzels?</p>

**Making a Connection:**

1. What do you think the following materials from your experiment represent in real life?
  - a. Ice cream-
  - b. Graham cracker crumbs-
  - c. Chocolate chips in the ice cream-
  - d. Candy-
  - e. Pretzels-
  
2. What landscape altering process in nature **do you think** this experiment is simulating?

Name:

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*Your teacher will take you through a presentation as you answer the following questions.*

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1. What **do** the following materials from your experiment represent in real life?
  - a. Ice cream-
  - b. Graham cracker -
  - c. Chocolate chips in the ice cream-
  - d. Candy-
  - e. Pretzels-
  
2. What did squeezing the ice cream with your hands represent?
  
3. What process was simulated by dragging the ice cream back across the crumbs?
  
4. Using the information you have learned in this activity, **describe how this experiment relates to the formation of landscapes**. Be sure to use examples from the experiment and the presentation, and **relate your answer to the photograph** at the end of the PowerPoint presentation.