



STEM Career Adventures: Food Scientist

Making a Dessert Pizza



Adventure Description:

In this adventure, you will be a food scientist applying to work for Slice Pizza Company. You will need to create a recipe for a new and affordable dessert pizza. It will be your job to design the pizza and come up with the budget for the pizza.

Step 1: Background on Why Food Scientists are Hired By Companies (5-8 minutes)

- Ask explorers if they know what a food scientist does. Explain that food scientists research new foods and how foods are made. Food scientists come up with new ways to create food and learn how to make food healthier for people.
- Explain to explorers that food scientists also work with companies to develop new recipes.
- One reason that food scientists are hired is to solve a specific problem that a company has.
- Show **Discovery Link: Brittney's Baked Goods**
- As a group, discuss how the food scientist was able to solve the company's problem. Why do you think it is advantageous for companies to hire food scientists?
- Explain to explorers that they will be food scientists who are applying to work for Slice Pizza Company. They are tasked with coming up with a recipe for a dessert pizza. Provide explorers with **Handout: Slice Pizza Company Job Application**.
 - o As a group, read through why Slice Pizza is hiring a food scientist.

Step 2: Brainstorming and Planning (10 minutes)

- Explain to explorers that they will now work in groups to create a recipe for Slice Pizza. Groups will first choose ingredients and create a sketch of what their pizza will look like. After that, they will create a model (small example) of their pizza.
- Provide group with **Handout: Ingredients and Cost**. Explain that it's their job as good scientists to create a new pizza without spending over \$5.00 on ingredients.

Contact Allison, Director of Customer Service, with any questions or feedback at 314-272-2560 or allison@rozzylearningcompany.com

Send photos of your explorers and their projects to allison@rozzylearningcompany.com to be featured on Rozzy's website, social media pages, and blog!



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- Have explorers sketch out their pizza and write down how much they are spending on each ingredient on **Discovery Page: Pizza Design and Ingredients**.

Step 3: Make a Pizza (20 minutes)

- Explain to explorers that they will now create a pizza based on the budget they created.
- Provide explorers with art supplies and building materials to construct their pizza.

Extra time?

- Have groups display their pizzas on a table in front of the class.
 - o Pass out a piece of paper to each explorer. Explain that each person will write down and vote for the dessert pizza they would want to actually eat (they cannot vote for their own group's design!)
 - o Collect the results and determine which dessert pizza was most popular.
- Host a dessert party on a different day and provide explorers with ingredients to make the winning dessert pizza.
- Have groups create a name and logo for their dessert pizza.

Materials List

Provided online:

- **Discovery Video: Brittney's Baked Goods**
- **Handout: Slice Pizza Company Job Application**
- **Handout: Ingredients and Cost**
- **Discovery Page: Pizza Design and Ingredients**

Not provided:

- Art supplies and building materials

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