



STEM Career Adventures: Dermatologist

Helping Kids Remember to Use Sunscreen

Adventure Description

In this adventure, you will think like a dermatologist and design a new piece of technology to help kids prevent sunburns while playing outside!

Activity

Step 1: Background on Dermatologists (15 minutes)

- Show **Discovery Link: What Does a Dermatologist Do?**
- Explain to explorers that dermatologists want to find ways to help people to make sure their skin stays healthy.
- One way that dermatologists make sure that people's skin stays healthy is by encouraging people to use sunscreen (show **Discovery Picture: Using Sunscreen**).
 - Ask explorers why it is important for people to wear sunscreen. Explain that the sun can hurt our skin. People need to wear sunscreen so they don't get a sun burn.
- Explain to explorers that dermatologists gave kids a survey to learn how kids think about sunscreen (show **Discovery Picture: Survey on Sunscreen**).
 - A survey gives you information about people. For example, you could give a survey to collect information on people's favorite desserts. In this case, the dermatologist asked kids if they remember to put sunscreen on before they play outside.
- Ask explorers why dermatologists would want to give a survey.
 - Explain that a survey gives information about how people think. By giving a survey, dermatologists can learn what people think about sunscreen.
- As a group, read through the results of the survey.
 - Ask explorers what they think the results mean. Do kids remember to put sunscreen on?
- Explain to explorers that dermatologists have learned that most kids don't remember to put sunscreen on when they are playing outside.

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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Step 2: Background on Sun Stickers (5-10 minutes)

- Explain to explorers that dermatologists have taken information from the survey and have come up with an idea! They have designed a special sticker that tells kids when they need to put sunscreen on (show **Discovery Picture: Sunscreen Stickers**).
- Explain to explorers that sunscreen stickers are special stickers that you put on your skin before you go outside. When the sticker changes color, that means you need to put more sunscreen on.
- Explain to explorers that there is a problem with the sun stickers. They fall off while kids are playing outside! This is a problem because kids don't know when they should put sunscreen on.

Step 3: Idea for a Sunscreen Item (10-20 minutes)

- Explain to explorers that they will work in a group to come up with a new item to tell kids to put sunscreen on.
- Provide explorers with **Discovery Page: Creating a New Sunscreen Item**.
- As a class, read through and discuss each step.
- Divide explorers into small groups. Have each group circle the item they want to create.
- Then, have each group draw what their item will look like. Explorers should decide how the item will tell a kid to put sunscreen on.
- When groups are finished, have them share their ideas with the class.

Extra Time?

- If time permits, have each group build their item. Provide explorers with art supplies and building materials.

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Materials List

Provided online:

- Discovery Link: What Does a Dermatologist Do?
- Discovery Picture: Using Sunscreen
- Discovery Picture: Survey on Sunscreen
- Discovery Picture: Sunscreen Stickers
- Discovery Page: Creating a New Sunscreen Item

Not provided:

- Art supplies and building materials

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