

Product Designer

Complete the five steps to earn your Product Designer Badge.

1. **Observe what makes a great product:** Join Jessica to learn more about what makes a great product!
2. **Be an innovation detective:** Now it's time for you to become an innovation detective. Learn all about a kid inventor in this [video](#).
3. **Figure out what's working and what's not:** Find a great product that you or your family use every day and write down three things that make it a quality product.

Then draw a plan of how you would improve this product if given the chance. Brainstorm and be creative!

4. **Innovate to find solutions:** Now that you have learned all about what it takes to be an inventor, it's time to help solve a real world problem!

Challenge: Scientists are actively searching for a safe way to transport Girl Scout cookies into space. Your task is to build a transportation device that will help keep the cookies safe, fresh, and temperature controlled.

You can use any materials you would like to build your invention including items found around your home and in your backyard!

5. **Mess up so you can try again:** Now share your invention with your family and ask them for their feedback. It's very important to ask for advice to make your invention the best that it can be.