

These Boots Were Made For Walking

Shoe Design Challenge

Lewiston and Auburn have a long history of excellent craftsmanship and design in the shoe making industry. A shoe designer must think about how to make the shoe functional, protective, flexible, comfortable and stylish. How will they fit? What materials will they use? Who are they designing the shoe/boots for?

Your challenge is to design a shoe that:

1. Stays on your feet on its own, and can be taken on and off.
2. Can only be made from recycled materials
3. Reflects your personal style

Material suggestions:

1. Recycled cardboard, paper, envelopes, fabric remnants, construction paper
2. Tape, glue, string, ribbon,
3. Scissors
4. Pencils, colored pencils, crayons, markers
5. Any other materials you can find!

Instructions:

1. Brainstorm and plan
 - What type of shoe do you want to make?
 - What types of materials do you have?
 - What will make the shoe durable?
 - How will the shoe go on and off your foot?
 - Draw a picture of your shoe design and write out a plan for putting the pieces of your shoe together
2. Build a prototype
 - Start by tracing your foot on a piece of cardboard and cutting it out to create a sole for your shoe
 - Use the materials that you have to create the upper part of the shoe. Remember the top of the shoe must attach to the cardboard sole
 - Follow your design plan to create your shoe
3. Test
 - Try out your design!
 - What worked? What didn't work? What can you fix to make it better?

4. Try again!

- Use your observations from your test to improve your design and try again.

For Fun

1. Give your shoe a name
2. Design an advertisement for your shoe
3. Create a shoe box for your shoes