Sustainable DIY Project
Pringles Smartphone Speaker

Do-It-Yourself projects are a great way for you to help the students on your floor break the ice and get to know each other. Not only is this project fun and useful, but it also diverts waste! Create a cheap, effective smartphone speaker by recycling an empty Pringles can!

What You Will Need:

- 1 Empty Pringles Can
- Toilet Paper (approximately 14 inches)
- X-ACTO Knife or Scissors
- Two Large Binder Clips
- Paint, Markers, Stickers, Collaging Materials, and Other Decorations
- Scrap Piece of Paper
- Tape

Activity Suggestion:

Consider having a floor-wide Pringles Party before you make your speakers to devour all the Pringles chips so that you’re left with empty cans for the project!
Project Steps:

1. **Make the hole where you’ll insert your phone:**
   a. Outline the bottom of your smartphone or other music playing device on the scrap paper and wrap the paper over Pringles can, placing the traced area about an inch away from the can’s bottom.
   b. Use the knife/scissors (carefully) to cut around the inside of the outline. You want the hole to be a little smaller than your device so it will fit very tightly.
   c. Put your phone into the hole to make sure it fits properly.

2. **Attach binder clips:**
   a. Flip your can over and place two binder clips (closed) onto the bottom next to each other.
   b. Tape the clips in place.

3. **Decorate your Pringles can.**
   a. Use paint or markers to create your own designs and artwork.
   b. Cut out magazine images and text and use glue or clear tape to collage your can.

4. **Fold the toilet paper into the can so that it is evenly distributed.**
   a. Don’t just shove the toilet paper in; layer it neatly throughout the can.
   b. This will help muffle the sound, improving the quality.

5. **Set up your can with the binder clips down as the stand, inert your music device, and enjoy!**

Sources:
- http://justdo-it-yourself.blogspot.com/2013/05/pringles-speakers.html
- http://mashable.com/2012/10/22/diy-pringles-can-speaker/
- http://thecollegejuice.com/2013/01/diy-dorm-smartphone-amplifying-speaker/
- http://margaretbearden.com/euharlee/blog/2010/10/05/recycled-kaleidoscope