

WHAT ARE WE INVESTIGATING?

Can you use food products to create an animal?

MATERIALS:

- Rice Krispie/Cupcake/ Cookie/Pancake
- Icing/Peanut Butter
- Candy
- Any food products to decorate
- Butter Knife/Plastic Knife
- Wax Paper/Aluminum Foil
- Strive Academy's Engineering Design Process Handout (found at www.striveacademy.org)
- Pencil or Pen

EXTENSION:

- * Try this variable - try to create the same animal out of a different material. Which works best?
- * Do the experiment again but this time build a mode of transportation.



DIRECTIONS:

1. Gather all your materials. Our materials are just suggestions - feel free to add other things too!
2. On your handout (found at www.striveacademy.org), fill in the title of your experiment (Nailed It!).
3. On your handout, fill in your hypothesis. You want to answer the question: What animal can I create from my food products?
4. On your handout, draw a sketch of what your animal will look like. Feel free to use color and label your materials.
5. Using your materials, create an animal. Do this on top of a piece of wax paper or aluminum foil. Use the rice krispie/pancake/cupcake/cookie as your base and the icing to hold pieces together. Other food products can be used as decorations.
6. Under "Data Collection/Observation", draw a picture of your final animal that you created. Feel free to use color!
7. Under "Results", compare what your animal was supposed to look like with how well it turned out. Do they look similar?
8. Answer the "Analysis" questions on your handout:
 - Which feature of your animal looks the most similar to how you wanted it to look?
 - Which feature of your animal was the most difficult to create?

**** Try the extension activities on the first page for more fun! ****