

Picking Up a Bottle of Rice

Name _____

Learning Objective: SWBAT explain how to pick up a bottle of rice with a chopstick.

Prediction: Can you pick up a bottle of rice with a chopstick? And if so how?

Demo: Rice and Chopstick Observations

Ideas from Myth Busters “Phone Book Friction” that might be relevant:

Modeling

Explain what you saw. Make sure your model includes a drawing with all the forces needed to lift the bottle up. It might be worth drawing a picture for when it worked and when it did not.

Gallery Walk (7 minutes)

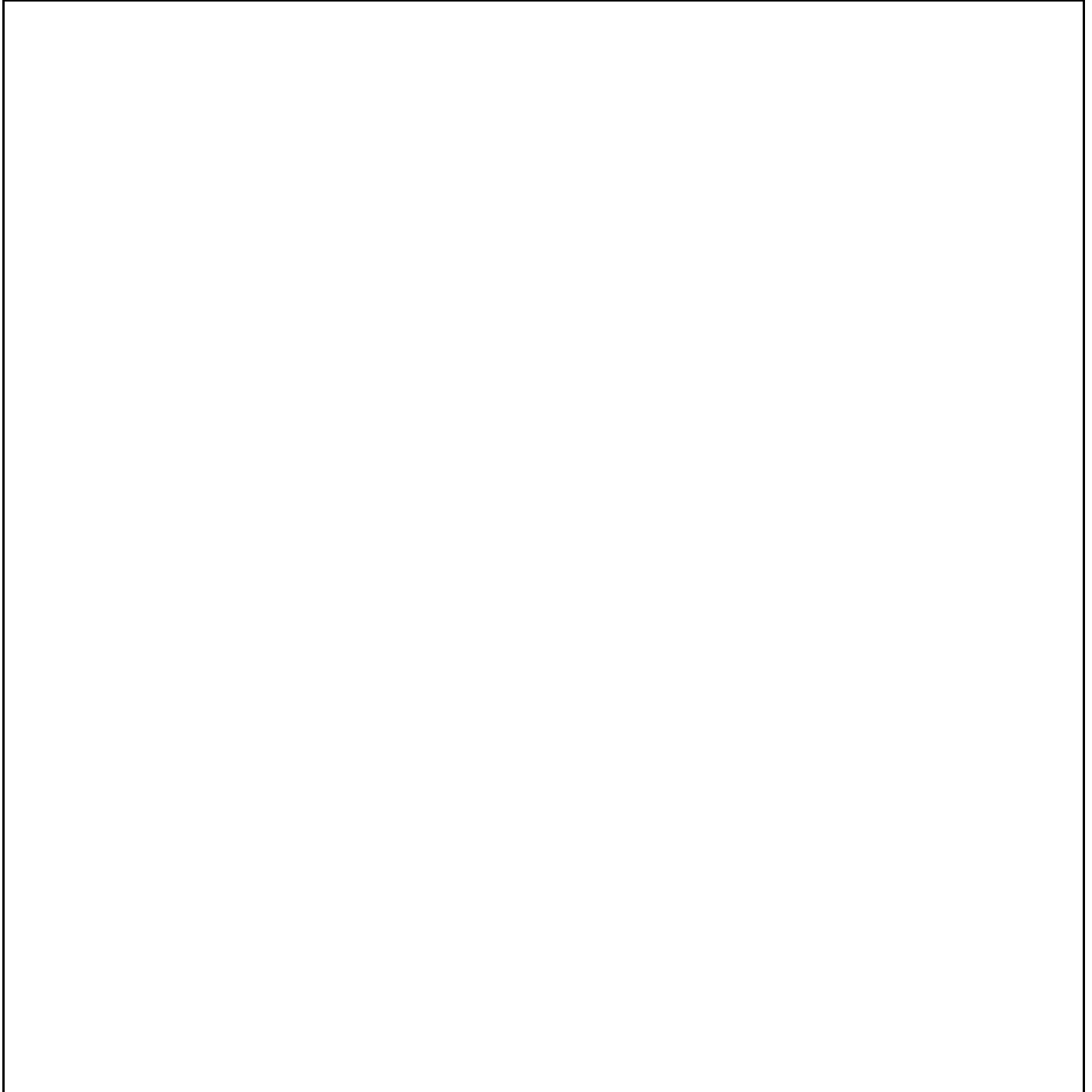
Walk around the room and read the models of the other groups. Your group will read the model and use post it notes to point out the following in the model.

Blue Sticky Notes: What is done well.

Yellow Sticky Notes: What is missing.

Pink Sticky Notes: Any questions the model brings up.

Class Ideas about What Happened:

A large, empty rectangular box with a black border, intended for students to write their class ideas about what happened during the activity.