🍞 Yeast Feast

Biology A · Unit 5 · Level 2



Name: _____

A3.4 Yeast Feast (2025): 8 mL food + warm yeast in a tube; measure the CO2 gas that collects.

🧺 Foods to test (her list)

- ☐ 🍬 **8 mL** glucose solution
- ☐ 🍞 **8 mL** starch solution
- ☐ 💧 **8 mL** water (control)
- ☐ ❓ **8 mL** your choice food (staff OK)

🌱 Steps: check each box when you finish

1. 🏷️ **Label** 4 tubes: glucose, starch, water, choice. ☐
2. 🧪 **Pour** 8 mL of each food in its tube. ☐
3. 🍞 **Fill** to the top with warm yeast solution. Cap, thumb over the holes. ☐
4. 🔄 **Flip** each tube into the beaker of warm water. ☐
5. 📏 **Read** the gas every few minutes (to 0.5 mL). ☐
6. 🧠 **Claim**: which food made the most CO2? Why? ☐

📋 Gas (mL of CO2)

Food	5 min	10 min	15 min
Glucose			
Starch			
Water			
Choice: _____			

🚧 **Under construction:** Her sheet leaves the 4th food as “Your choice.” Please tell us which choice foods are allowed so we can do an allergy check and add the picture. *Check with Ms. Dunham.*