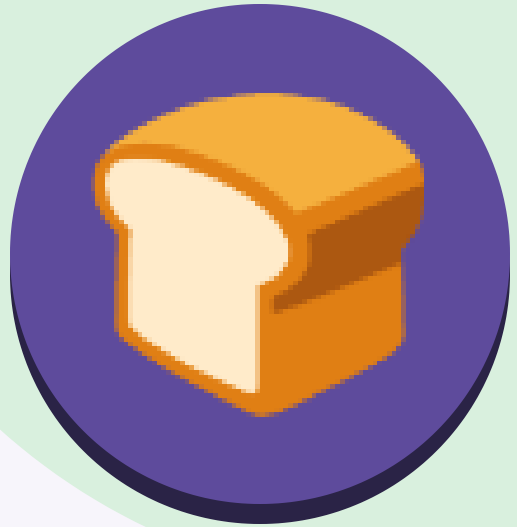
Biology A · Unit 5 · Level 2

Yeast Feast



TODAY'S PLAN

- 👥 Jobs
- ⚠️ Safety
- 🌱 Steps
- ✅ Check
- 📝 Reflect

Get ready

Jobs



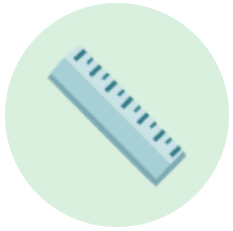
Pourer

Pours 8 mL of each food into its tube.



Yeast adder

Fills each tube to the top with warm yeast (staff helps).



Reader

Reads the gas at the pointy end (to 0.5 mL).



Recorder

Writes the gas for each food.

Safety

Be Safe



🥽 Goggles on.

🚫 Do not taste the foods or the yeast.

🍬 Allergy check before the lab, especially for the “your choice” food (milk, nuts, gluten, juice).

🧼 Wash hands after.

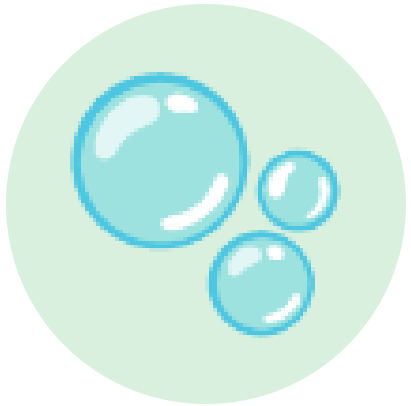
Steps

Steps



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?

🃏 Check 1 of 2



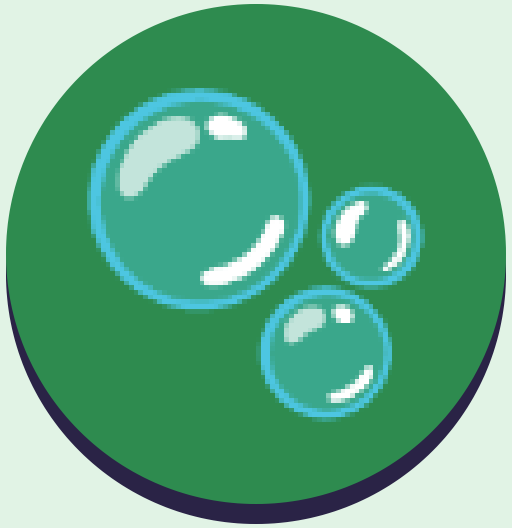
The gas in the tubes is…

Hold up 1, 2, or 3:

1️⃣ Carbon dioxide

2️⃣ Oxygen

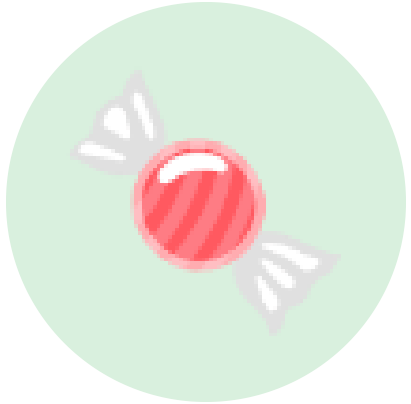
3️⃣ Steam



Carbon dioxide

Yeast respiration makes CO_2.

🃏 Check 2 of 2



Why did glucose make more gas than starch?

Hold up 1, 2, or 3:

1️⃣ Starch is a fat

2️⃣ Glucose is colder

3️⃣ Glucose can be used right away

✅ Answer · Card 2 of 2



Glucose can be used right away

Starch must be broken into glucose first.

Wrap-Up

Clean Up + Reflect



- 🧪 Clean tubes
- 🧼 Wash hands
- 📝 Claim + reflection