Biology A · Unit 0 · Level 2

Lollipop Lab



TODAY'S PLAN

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

Get ready

Jobs



Observer

Says 5 things you see, smell, or feel.



Timer

Starts and stops the timer.



Recorder

Writes the time in minutes and seconds.



Reporter

Tells the class: accept or reject?

Safety

Be Safe



🍬 Diet and allergy check first. Sugar-free lollipops for anyone who needs them (for example a student with diabetes).

🦷 No chewing and no biting. Do not walk around with the stick in your mouth.

🧼 This is a food lab: clean hands and a clean desk. The stick goes in the trash.

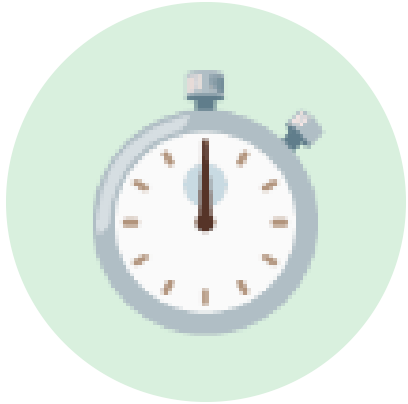
Steps

Steps



1. 🍭 **Unwrap** the lollipop and set it on the wrapper. Don't eat it yet.
2. 👀 Write **5 observations** (senses only: color, size, smell, shape).
3. 🤔 Write a **hypothesis**: If I suck on the lollipop, then it will dissolve in ___ minutes because ___.
4. ⏱️ Start the **timer**. No chewing!
5. 📏 Stop when it is **gone**. Record minutes and seconds.
6. ✅ **Accept** your hypothesis if you were within 30 seconds. Otherwise **reject** it.

🃏 Check 1 of 2



What did we measure?

Hold up 1, 2, or 3:

1️⃣ Time to dissolve

2️⃣ Flavor

3️⃣ Wrapper size



Time to dissolve

Time is the dependent variable.

🃏 Check 2 of 2



My guess was 2 minutes off. The experiment…

Hold up 1, 2, or 3:

1️⃣ Failed

2️⃣ Must be redone until I'm right

3️⃣ Still worked: I reject my hypothesis and learn



Still worked: I reject my hypothesis and learn

A rejected hypothesis is still good science.

Wrap-Up

Clean Up + Reflect



- 🗑️ Trash
- 🧼 Wash hands
- 📝 Reflection