Biology A · Unit 0 · Level 1

Science Starts: Safety & Lab Skills



TODAY'S PLAN

- 🥽 Lab safety
- 👀 Observe
- 🤔 My smart guess
- 🧪 Test it

Review · 5 minutes

Quick Review



🧬 **Biology** is the study of **living things**.

🌱 Plants, 🐋 animals, and 🧍 people are alive.

👉 Point: which one is alive? 🐋 or 🪨

Words to Know

Words to Know



Goggles
glasses that keep eyes safe



Observe
look, listen, smell, touch



Hypothesis
my smart guess



Experiment
a fair test

Learn

Lab Safety



Goggles
on for chemicals and heat



No food
never eat in the lab

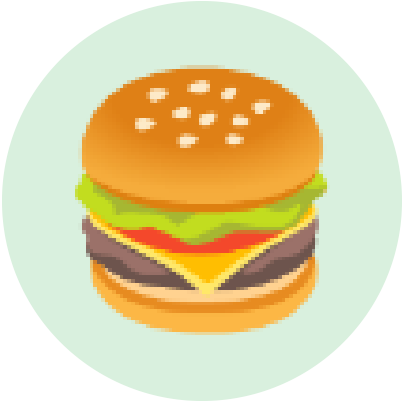


Listen
follow the steps



Tell
say if you get hurt

🃏 Check 1 of 3



Can I eat in the lab?

Point to the picture!

✅ Yes

🚫 No

✅ Answer · Card 1 of 3



No

No food or drinks in the lab, unless the teacher says a food lab.

Learn

Hurt? Tell Right Away



🚨 If someone is hurt, yell **“Code one!”**

👩‍🏫 Tell the teacher, even a **small** cut or spill.

🃏 Check 2 of 3



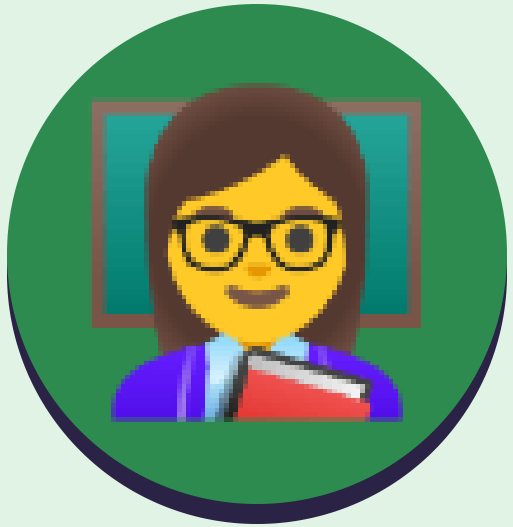
Who do I tell if I spill?

Point to the picture!

👩‍🏫 Teacher

🤫 No one

✅ Answer · Card 2 of 3



Teacher

Always tell the teacher about a spill.

Learn

Observe



👀 **Observe** = use my senses.

🍭 “It is **red** and **round**.” ✅

😋 “It will be yummy.” ❌ That is a guess.

Learn

My Smart Guess



🤔 A **hypothesis** is a smart guess.

🍭 **If** I lick it, **then** it will be gone in 10 minutes, **because** it is big.

🃏 Check 3 of 3



“It is red.” is…

Point to the picture!

👀 An observation

🤔 A guess



An observation

Red is something you can see. It is an observation.

Steps

Do a Science Test



1. 👀 **Observe**
2. 🤔 **Guess** (hypothesis)
3. 🧪 **Test** and write data
4. 📝 **Tell** what I found

Learn

Science Tools



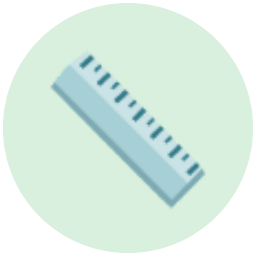
Microscope

tiny things look big



Thermometer

hot or cold



Ruler

how long



Timer

how much time

Wrap-Up

Recap



Goggles
keep eyes safe



Code one
tell if hurt



Observe
use my senses



Hypothesis
smart guess

Wrap-Up

Great Job!



- 🥽 I know 2 safety rules.
- 👀 I can make an observation.
- 🤔 I can make a smart guess.