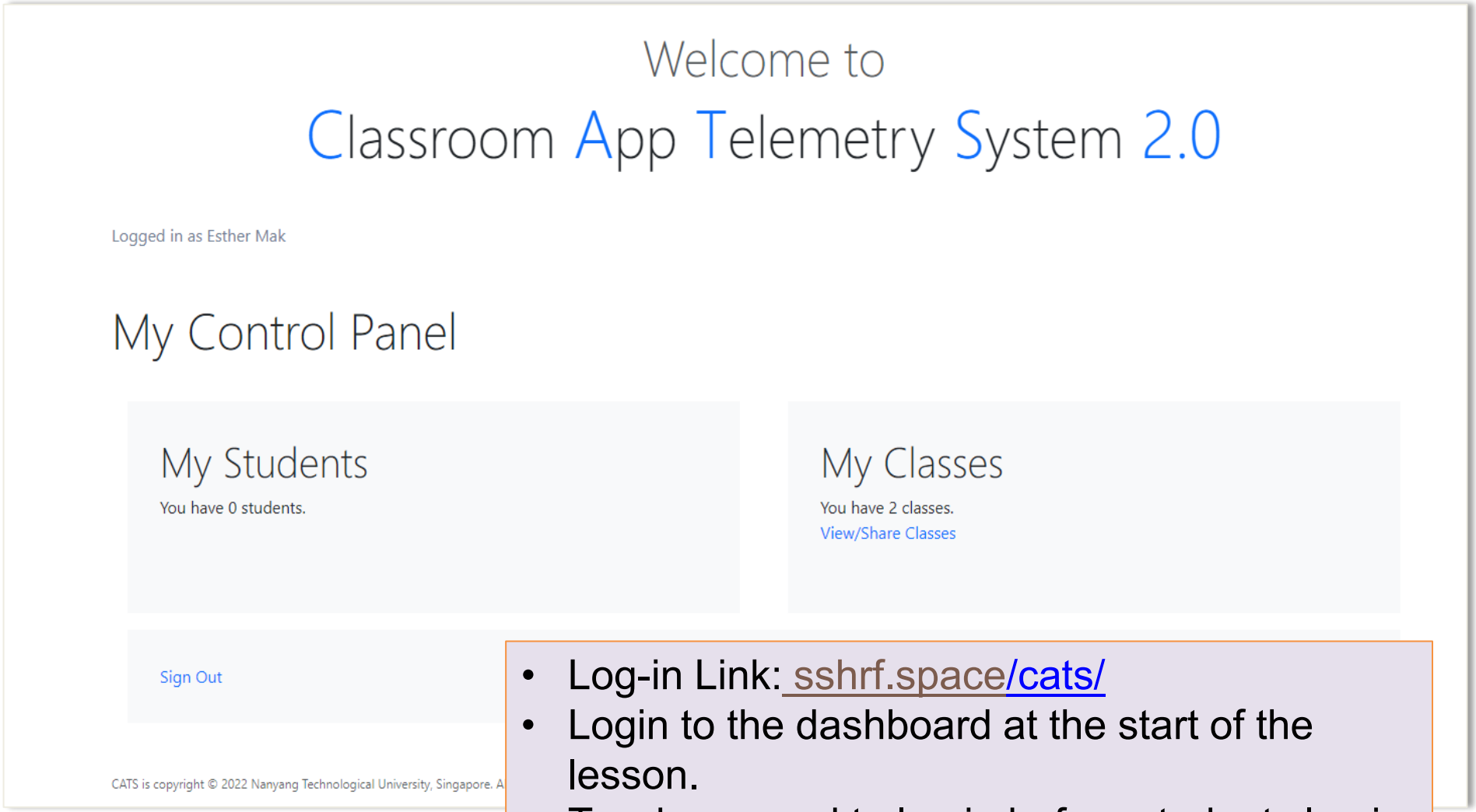
https://apps.apple.com/us/app/plantsport/id6755181140

PlantsPort Manual

✅ **Sign in with username and password**

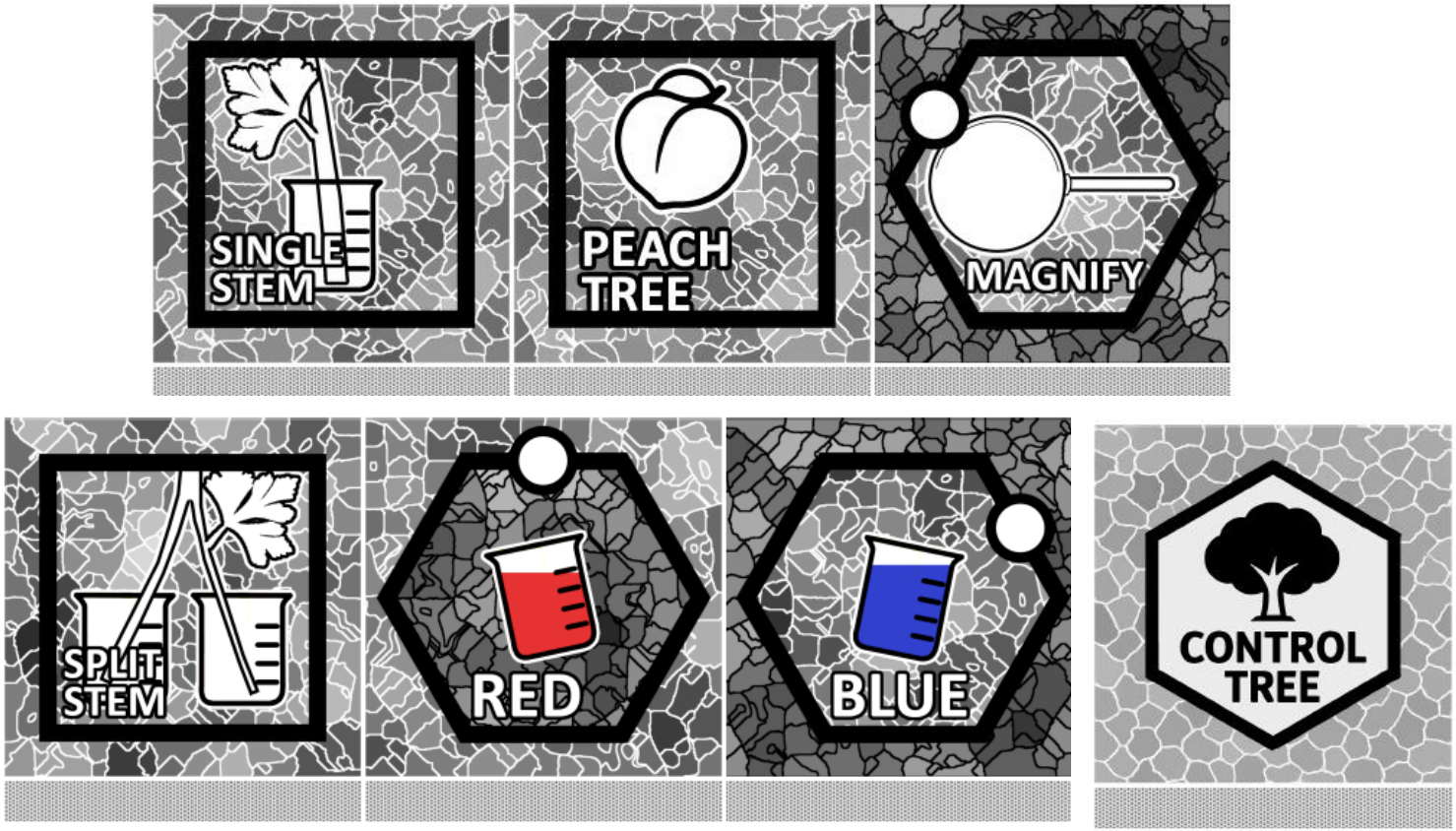
❌ **Do Not** sign in as guest

Dashboard Sign In



- Log-in Link: sshrf.space/cats/
- Login to the dashboard at the start of the lesson.
- Teachers need to log in before students log in.

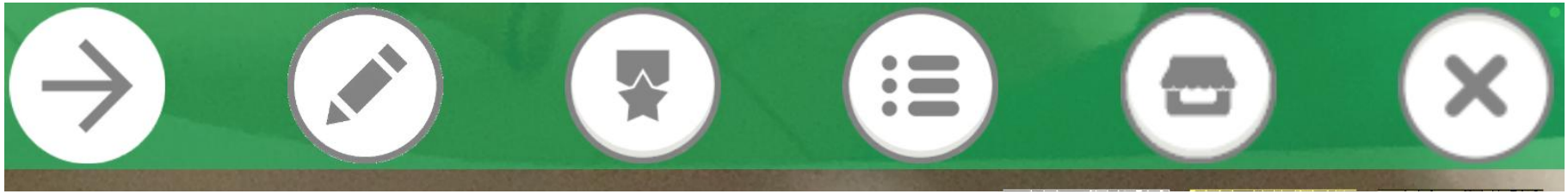
PlantsPort Markers



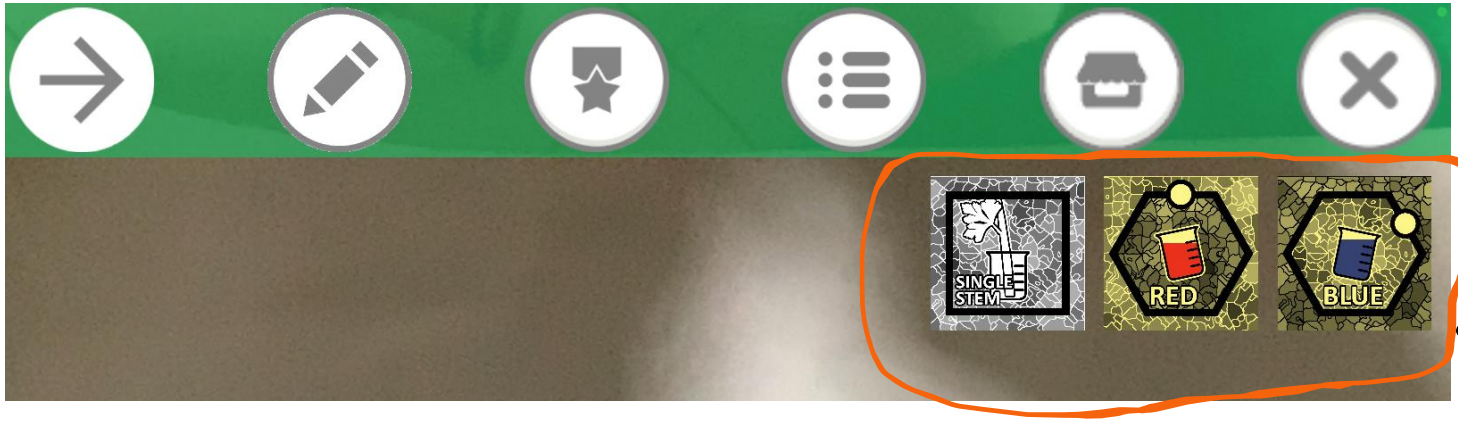

Water Carrying Tubes
Food Carrying Tubes
Case File
Creation
PlantsPort

Main Menu

PlantsPort Control Buttons

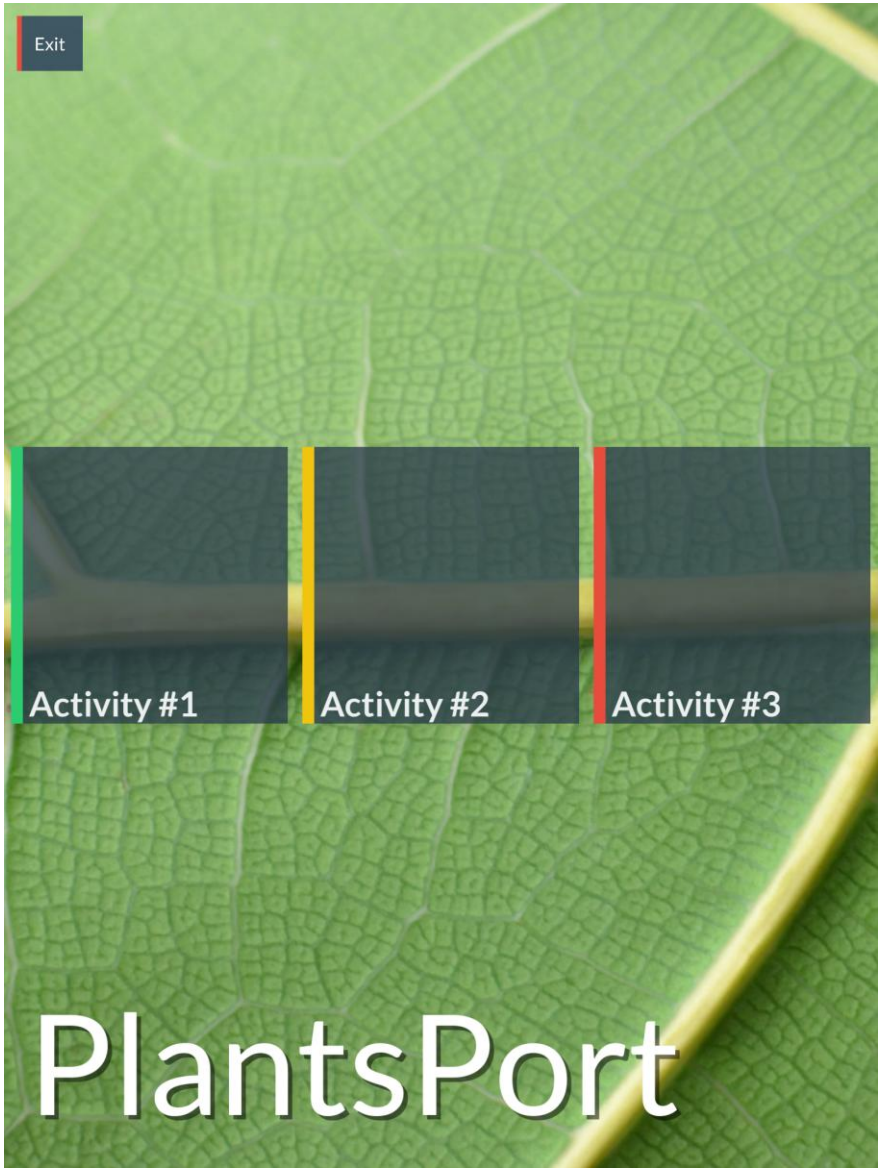


Next | Edit Prediction | Hints | Tasks | Markers | Cancel

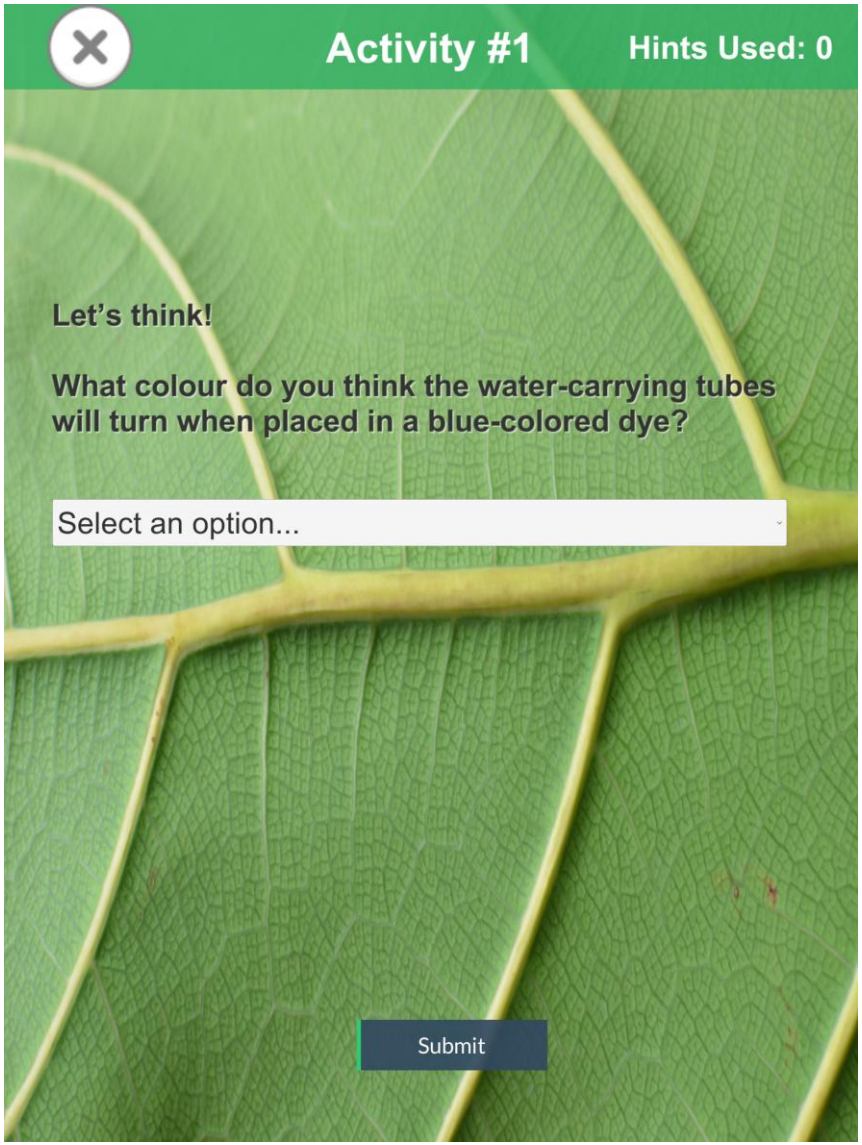


- List of Required markers will be shown here at the top
- Required markers will blink

Water Carrying Tubes

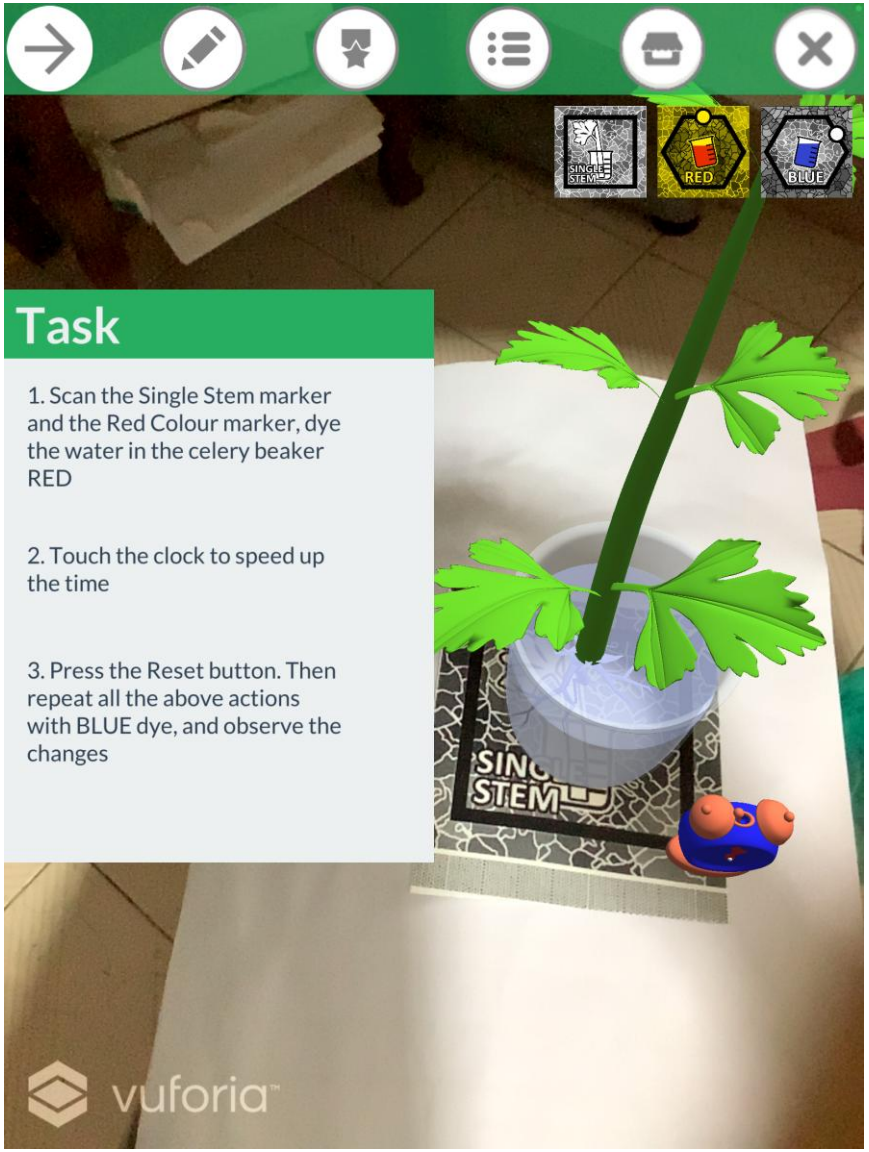


Water Carrying Tubes- Activity 1



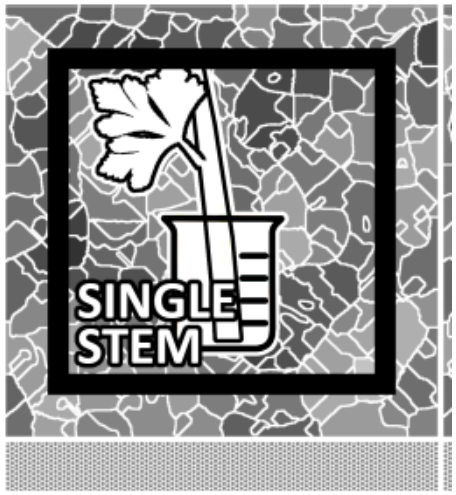
- Students are required to make a prediction before each activity
- After which, use the Edit Prediction button to enter or revise responses.

Water Carrying Tubes- Activity 1



✅ Always place the **Single Stem marker** flat on the table.

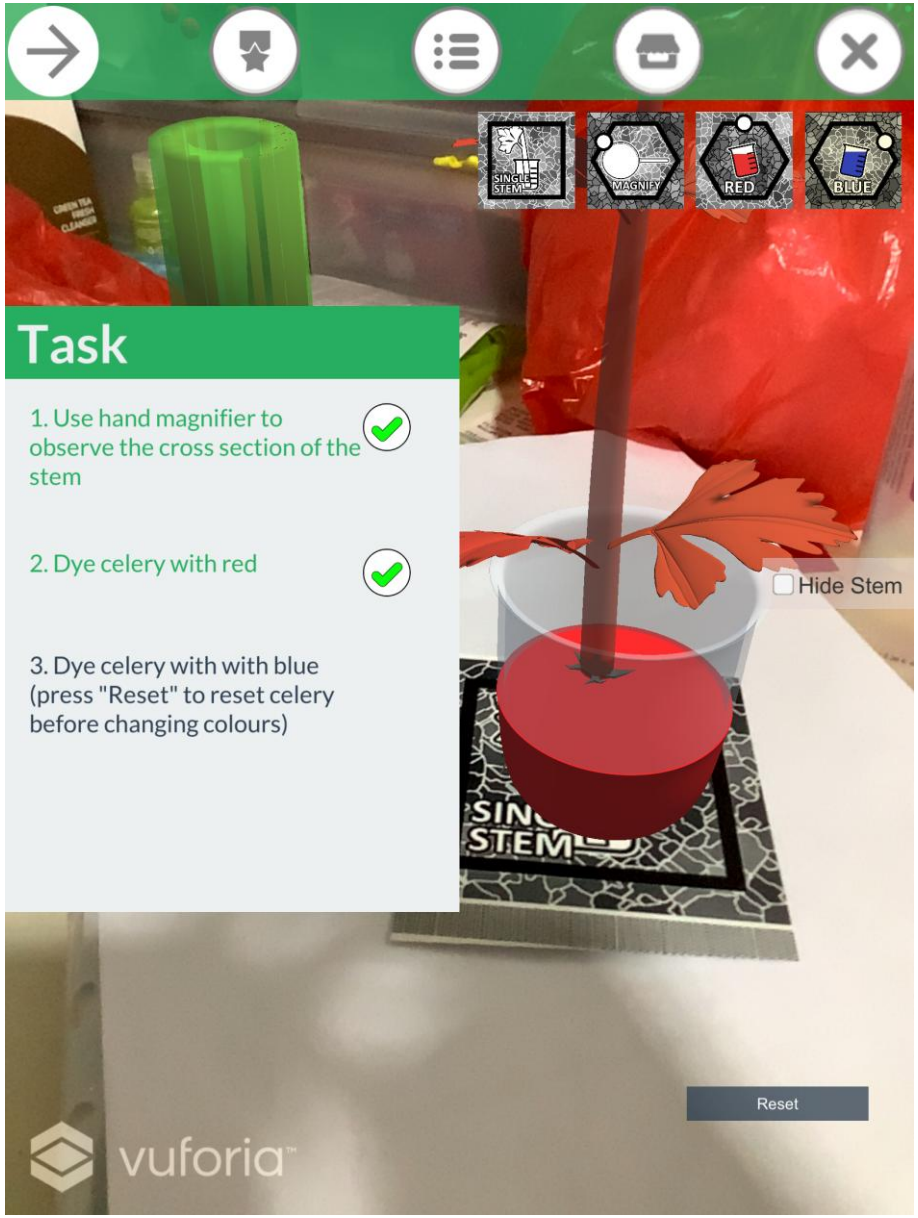
✅ Follow the **task order shown in the app**.



❌ Skipping steps or changing the order of tasks may prevent the task from being recorded as completed.

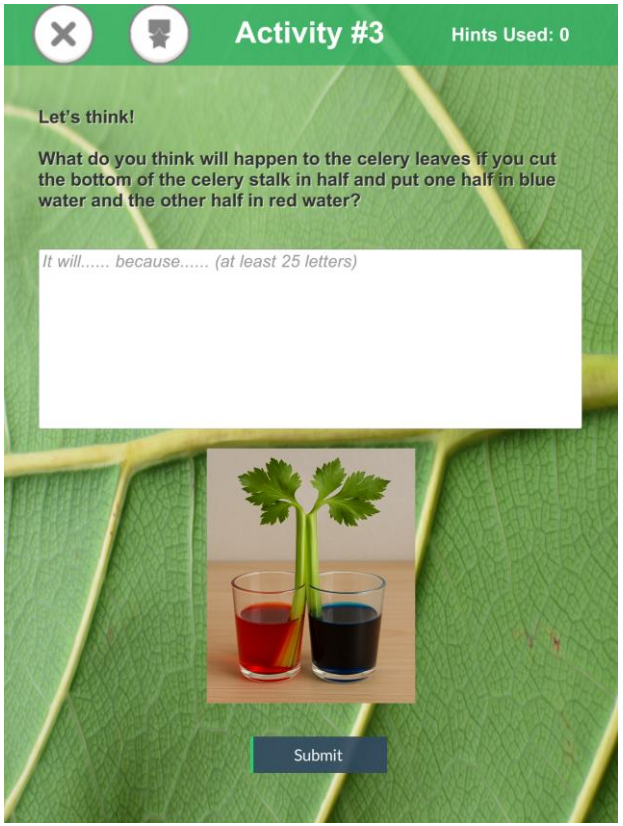
Reminder: The app relies on correct marker detection and sequence.

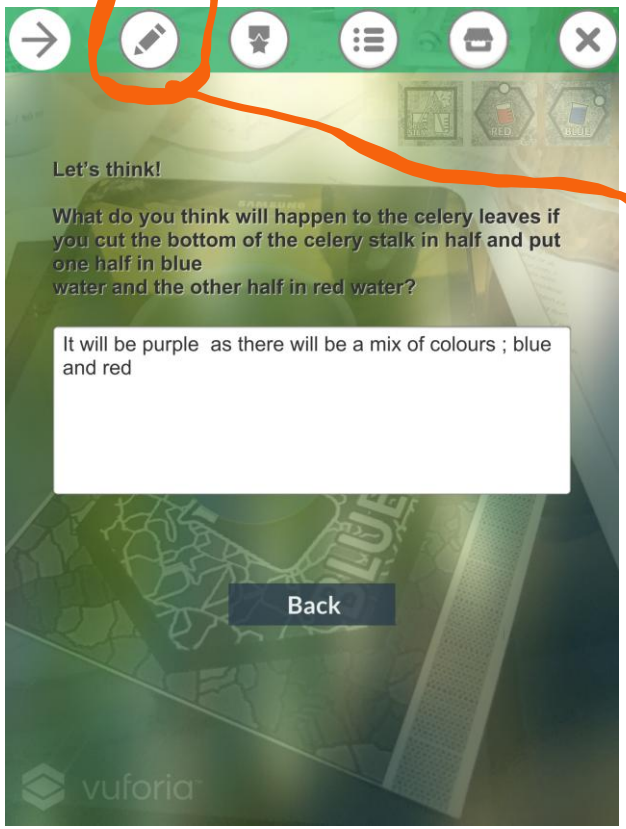
Water Carrying Tubes- Activity 2



- When the task is completed, it is marked by a tick ✅
- Click on the reset button to change colours of the dye

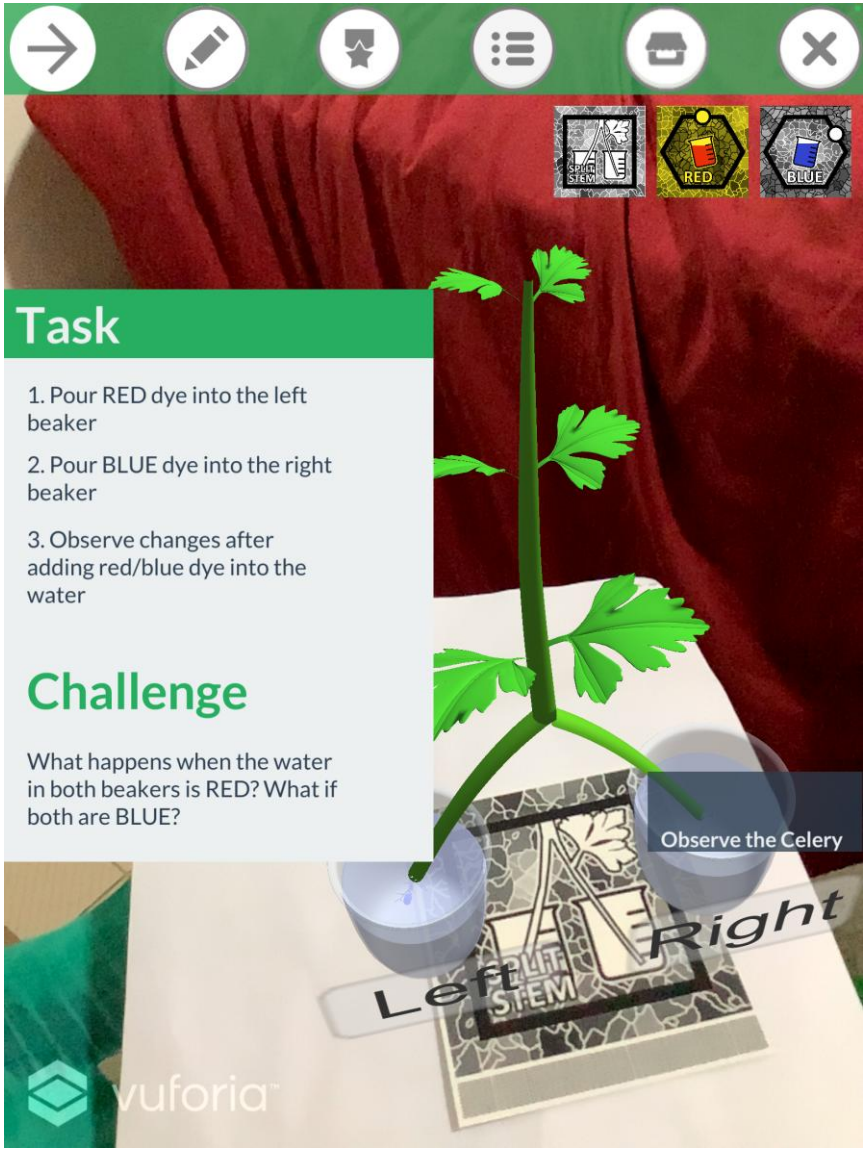
Water Carrying Tubes- Activity 3



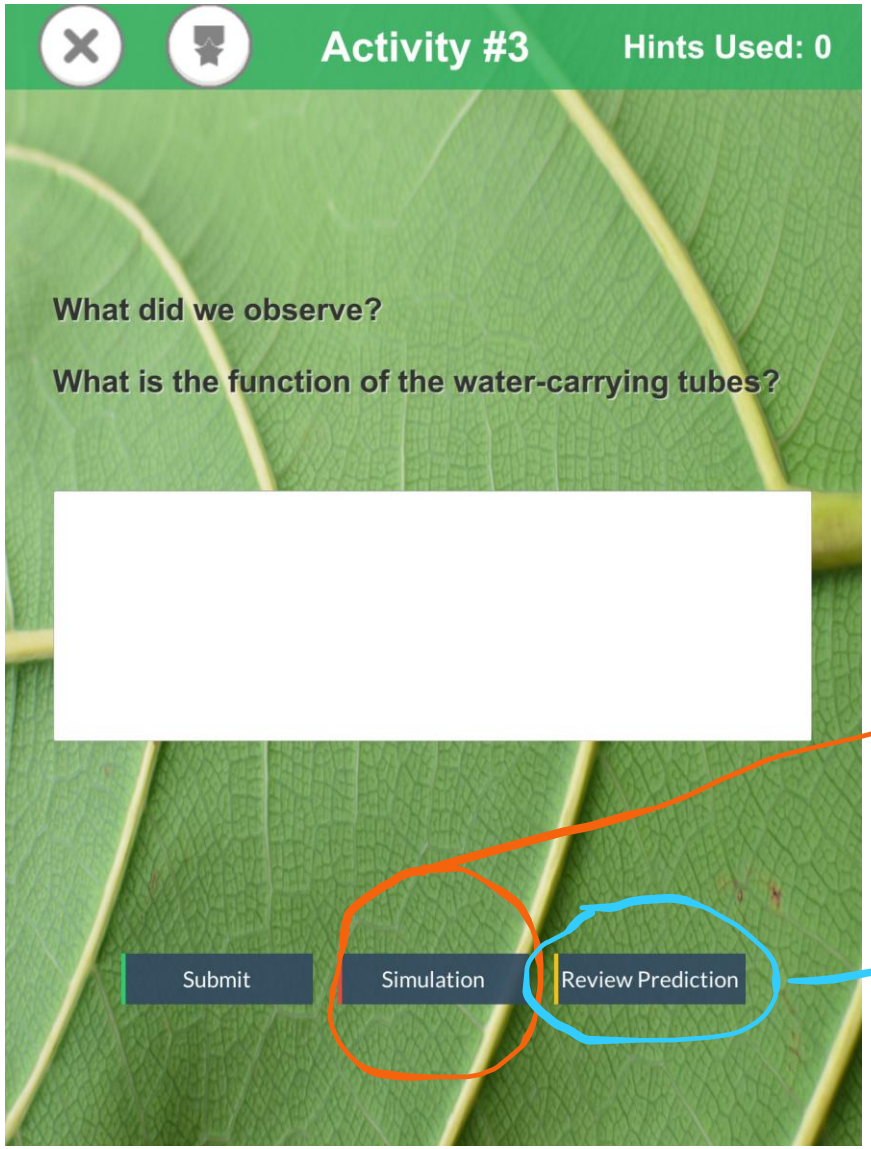


Editing Predictions using the button

Water Carrying Tubes- Activity 3



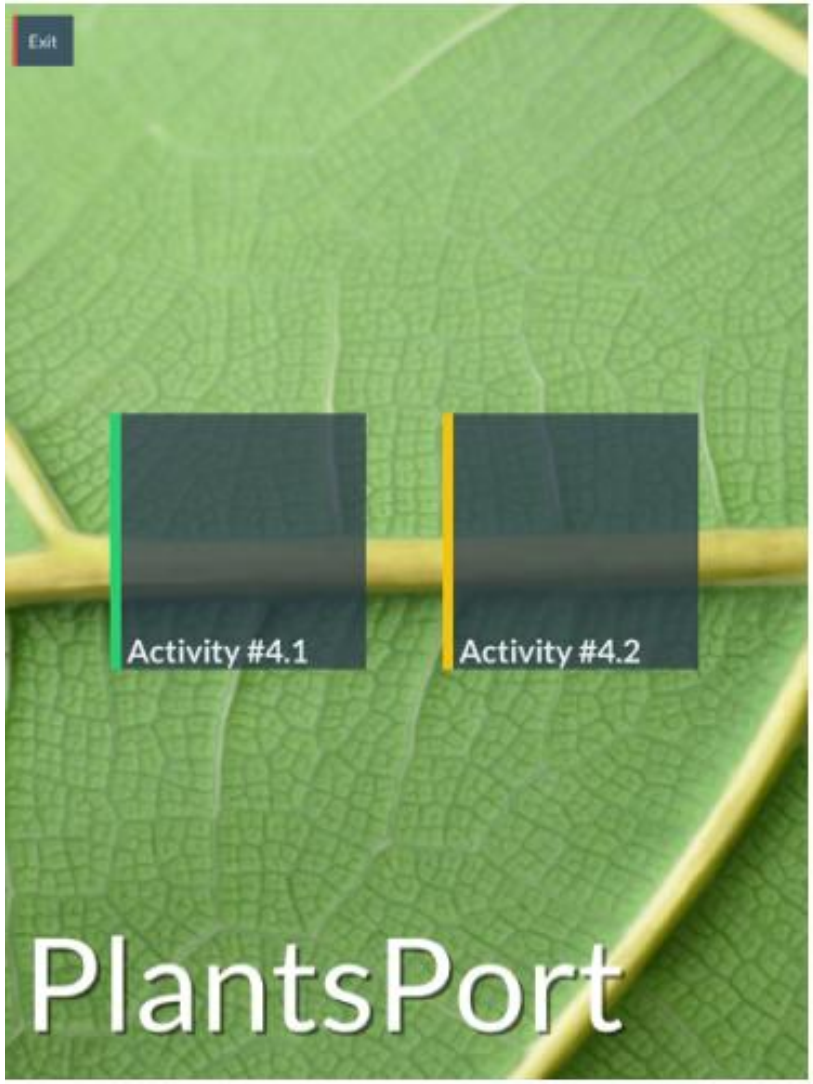
Water Carrying Tubes- Activity 3- Consolidation



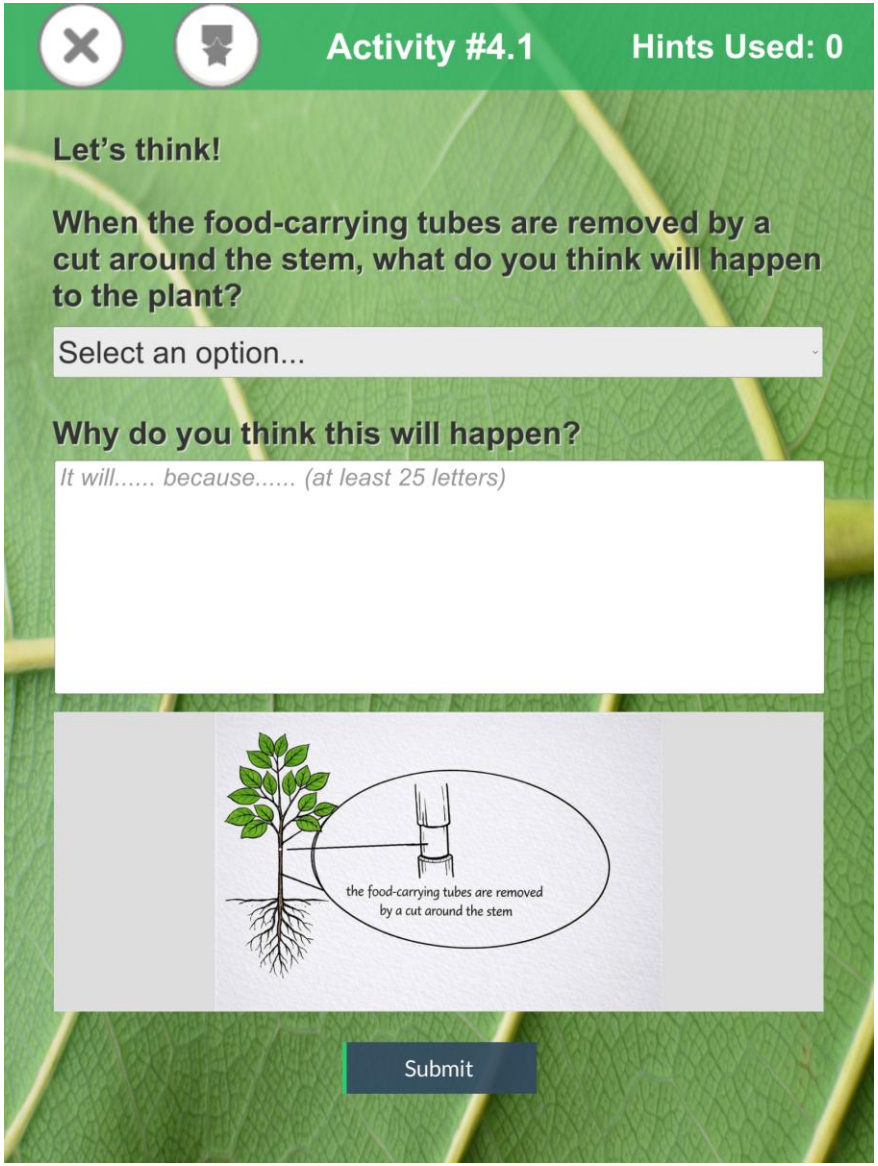
Simulation Button
Replay the interactive plant simulation to review water transport

Review Prediction Button
Compare your initial prediction with your current answer.

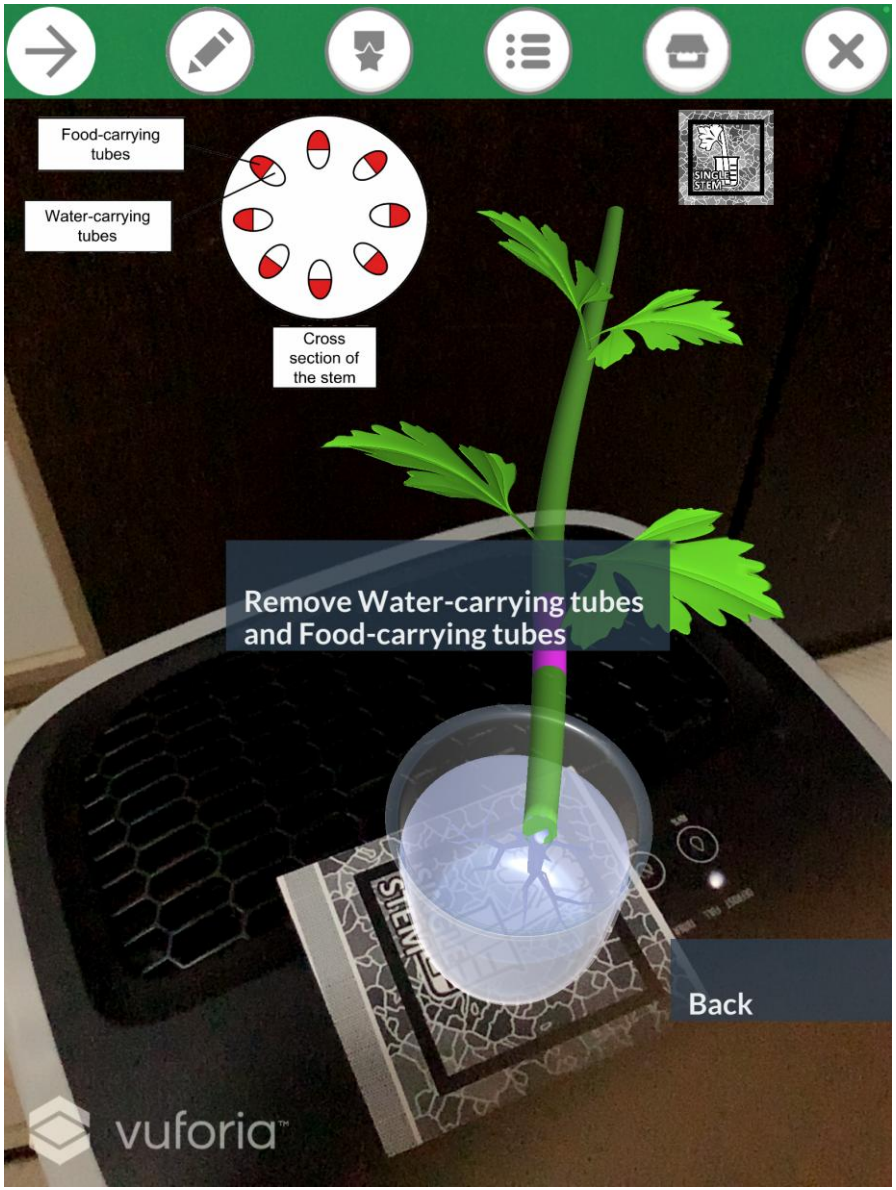
Food Carrying Tubes



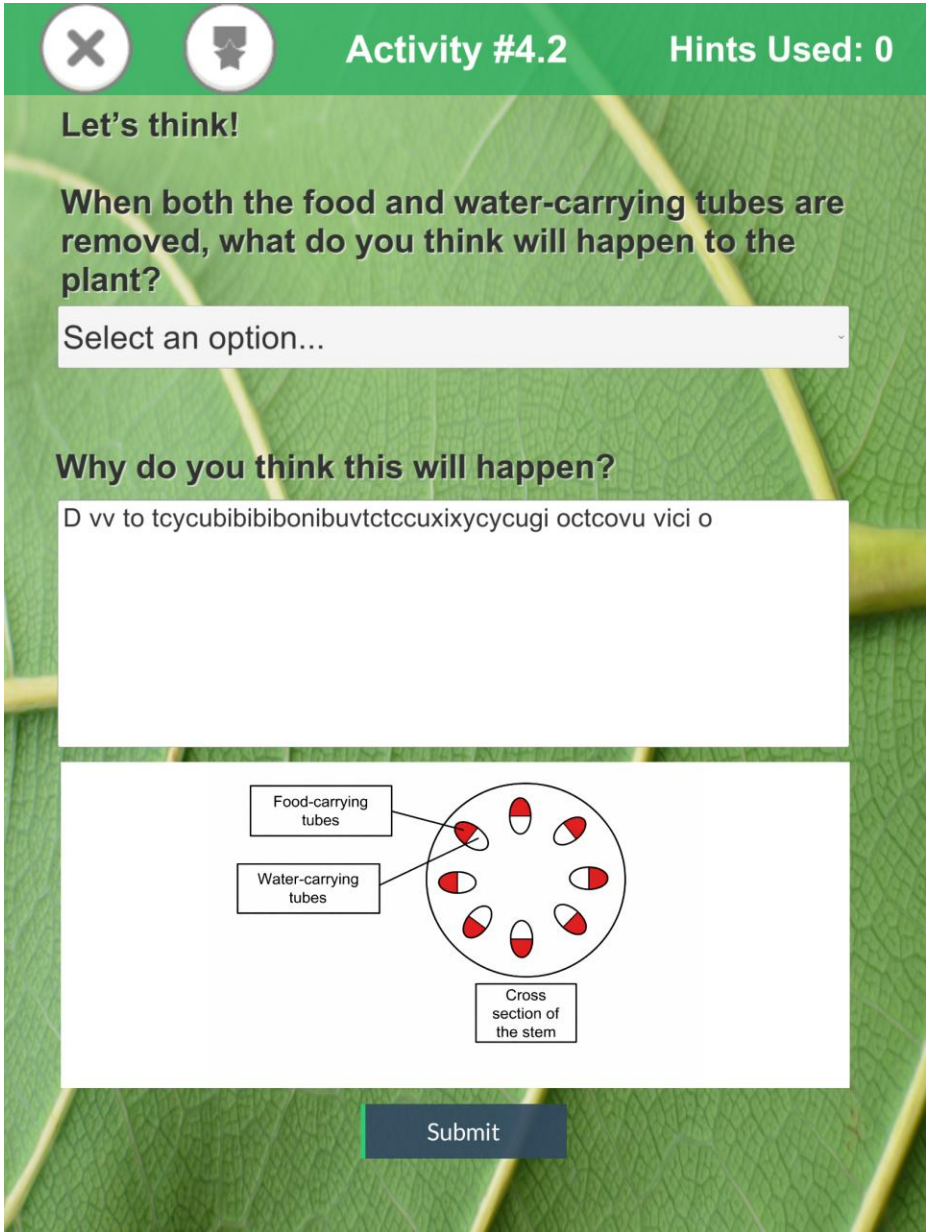
Food Carrying Tubes #4.1



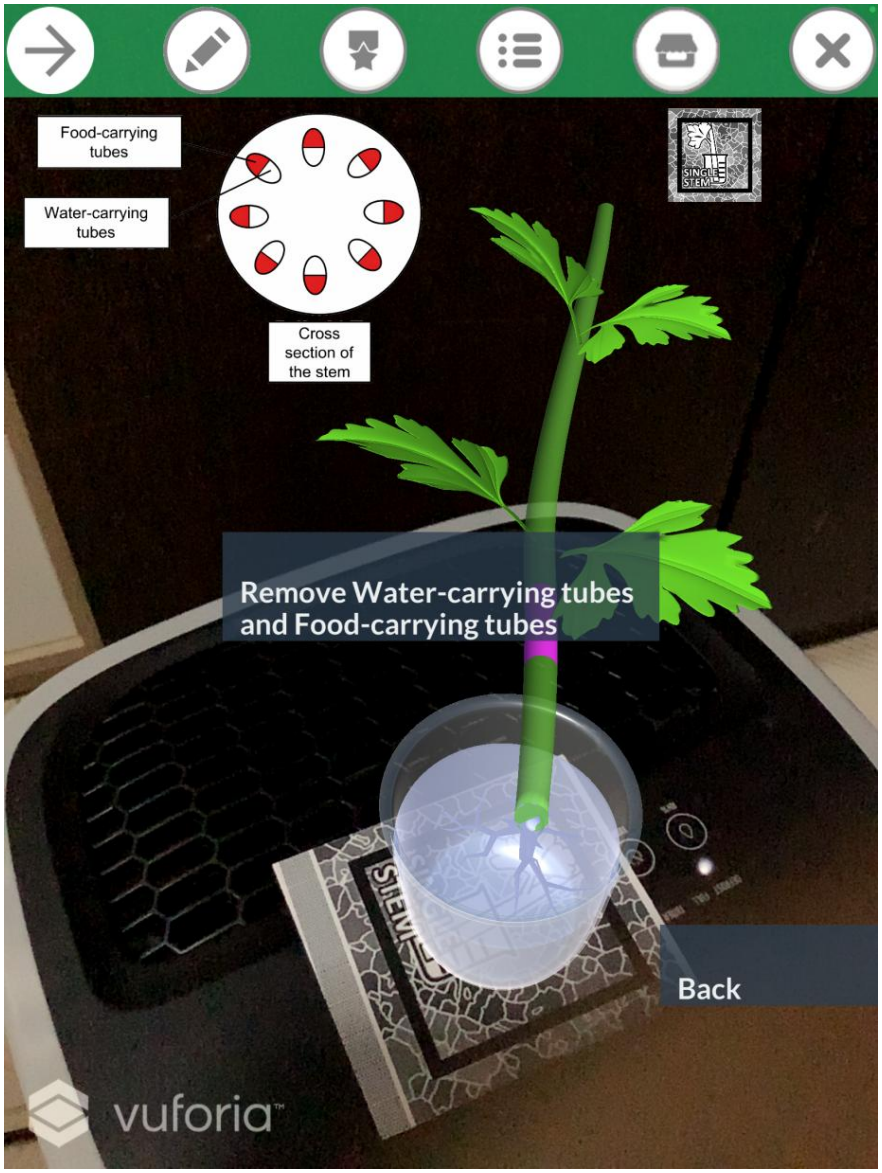
Food Carrying Tubes #4.1



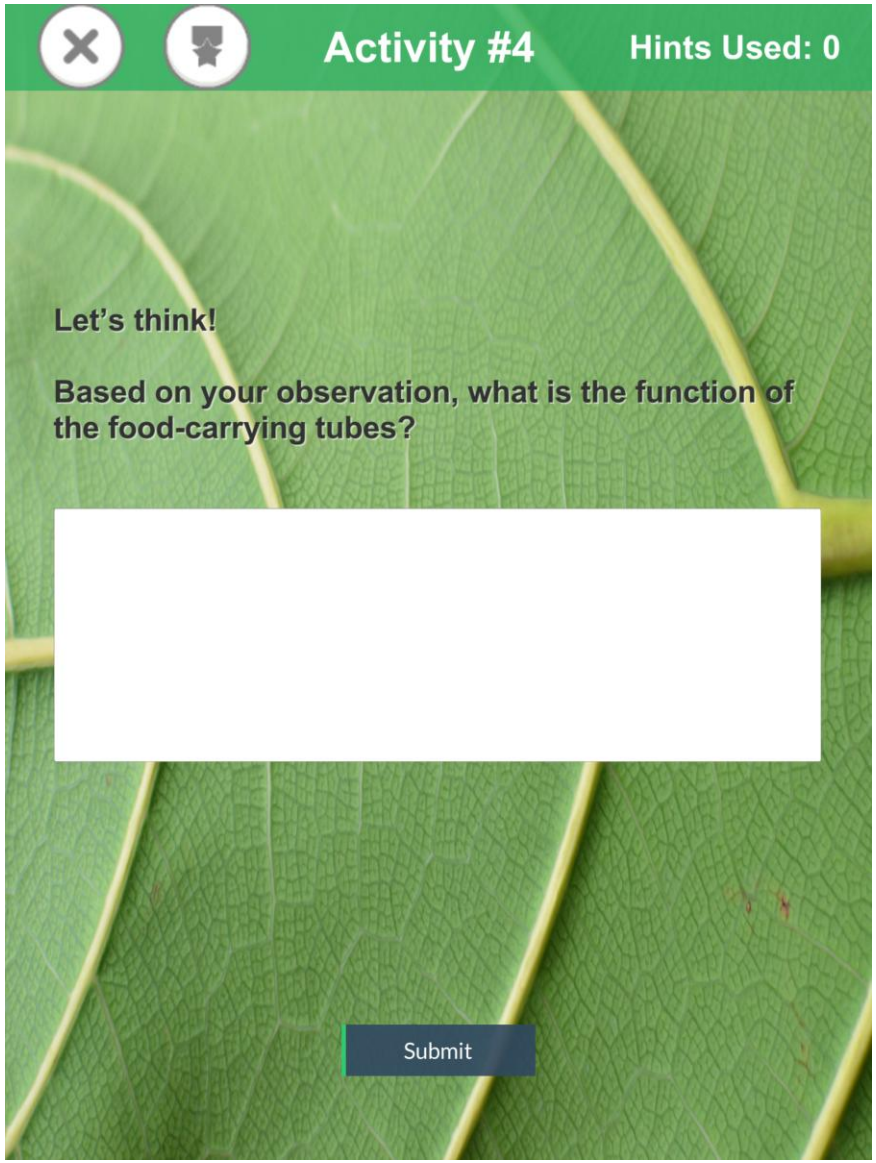
Food Carrying Tubes #4.2



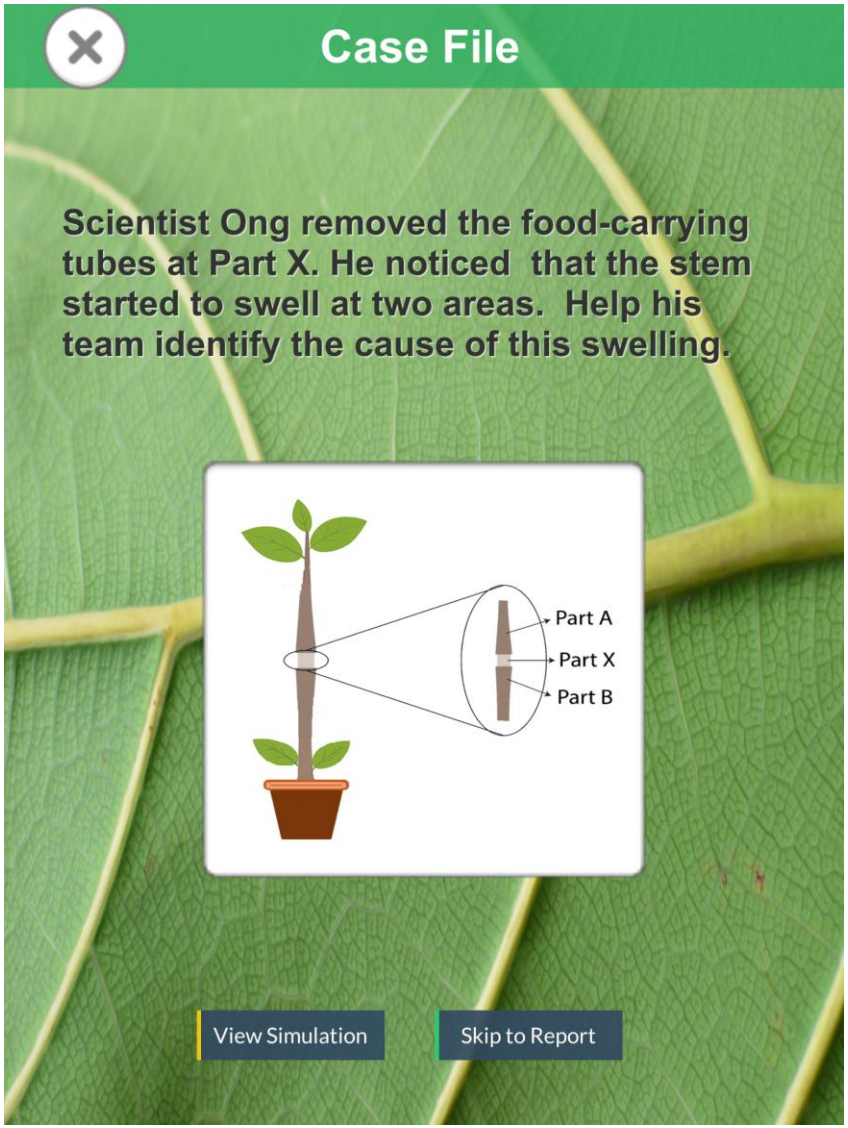
Food Carrying Tubes #4.2



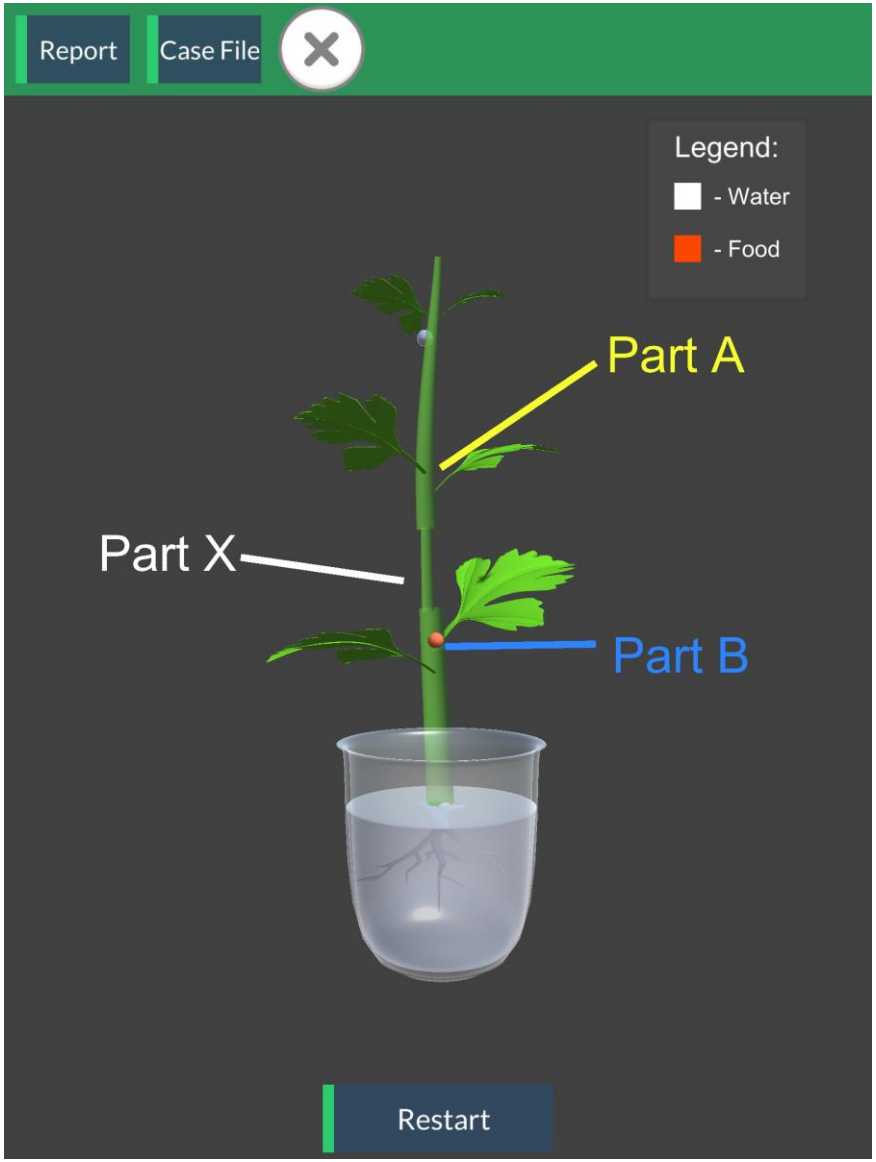
Food Carrying Tubes #4.2

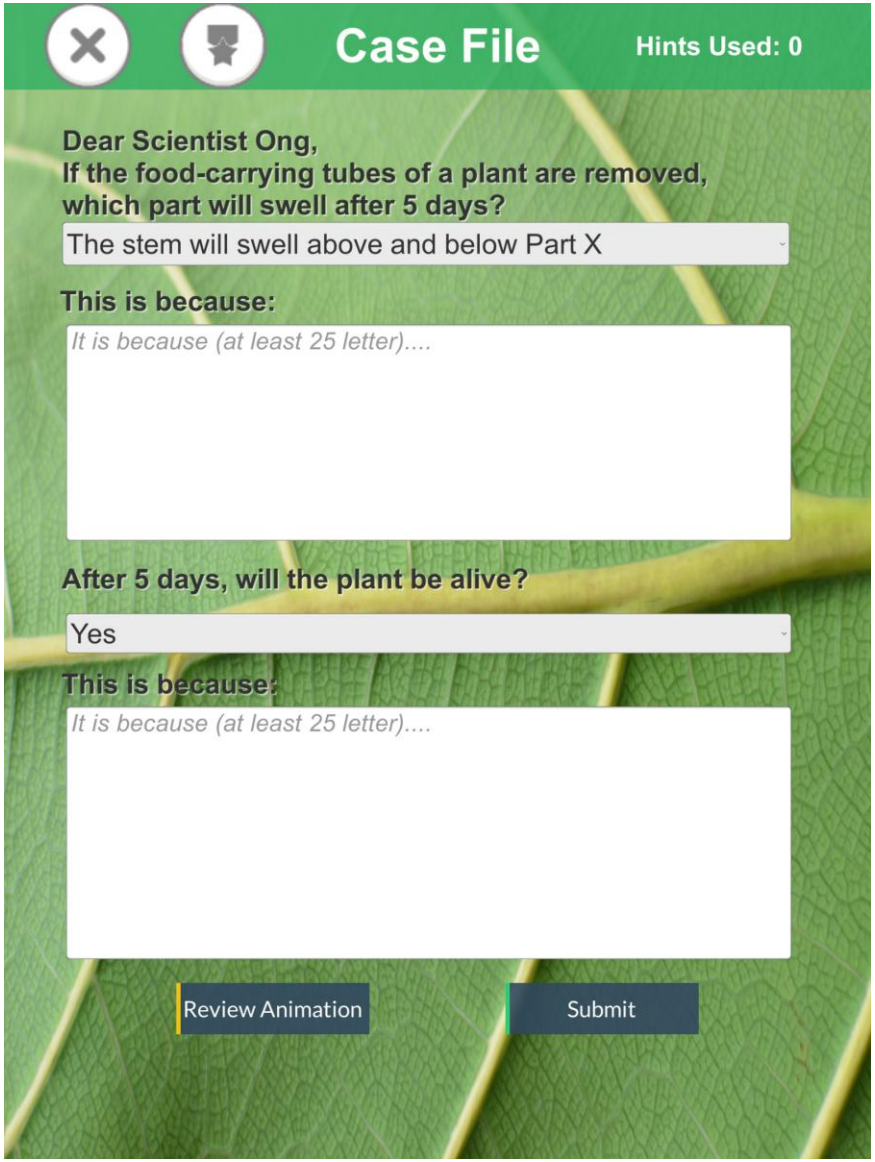


Case File

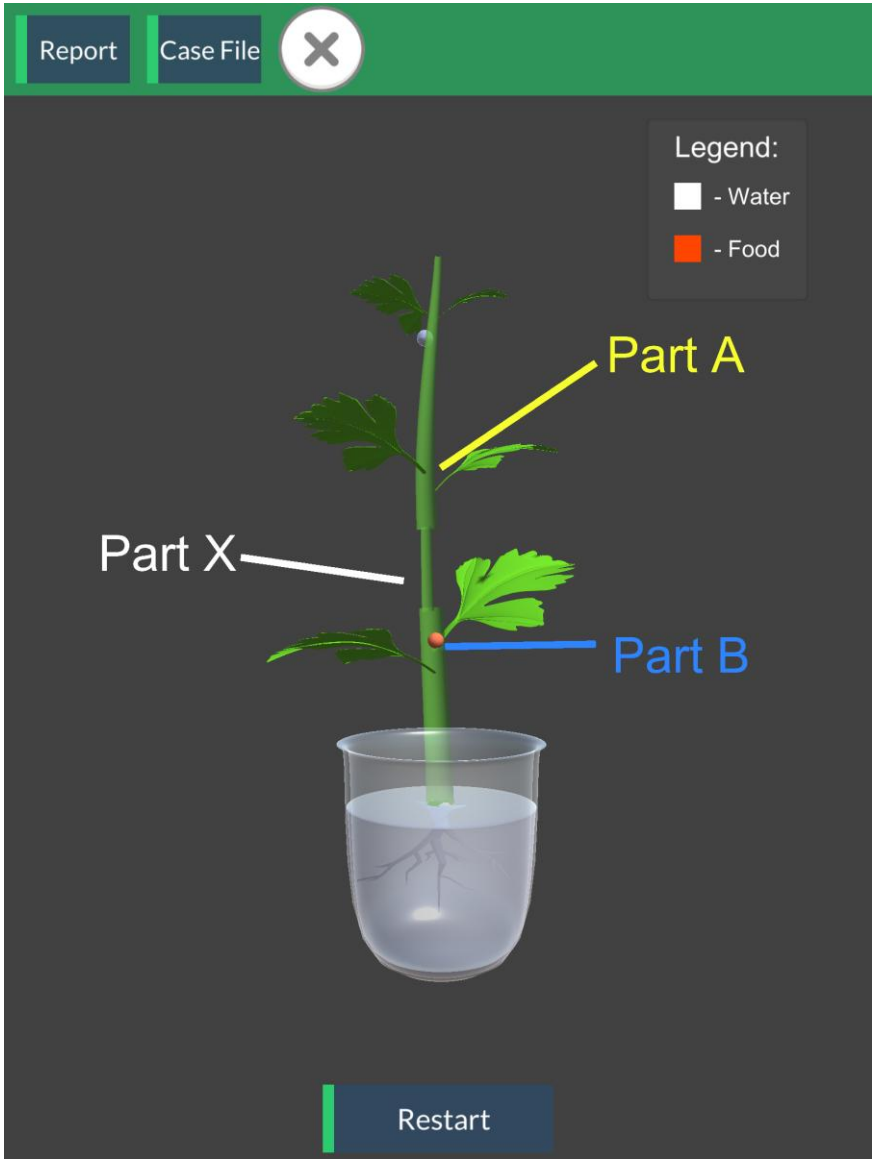

Case File
Scientist Ong removed the food-carrying tubes at Part X. He noticed that the stem started to swell at two areas. Help his team identify the cause of this swelling.
Part A
Part X
Part B
View Simulation
Skip to Report

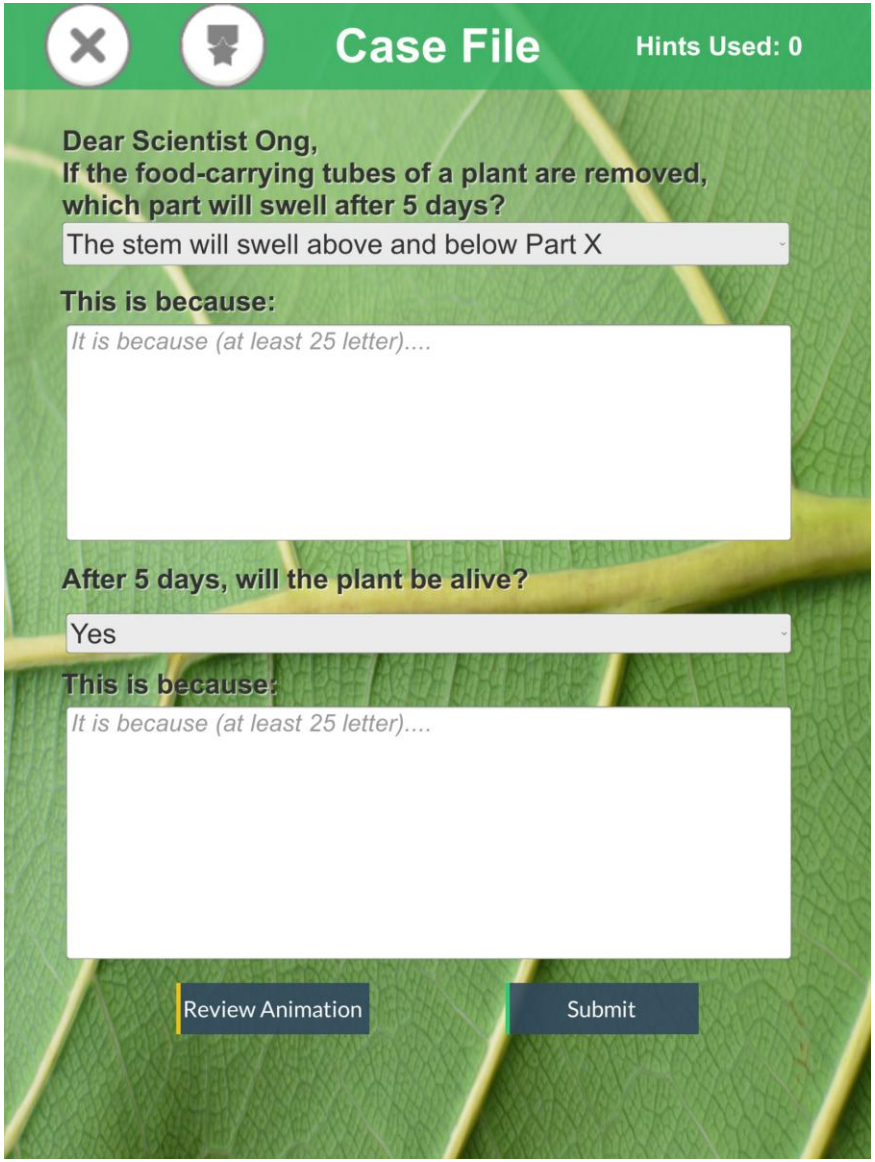
Case File


Report
Case File
Legend:
- Water
- Food
Part A
Part X
Part B
Restart

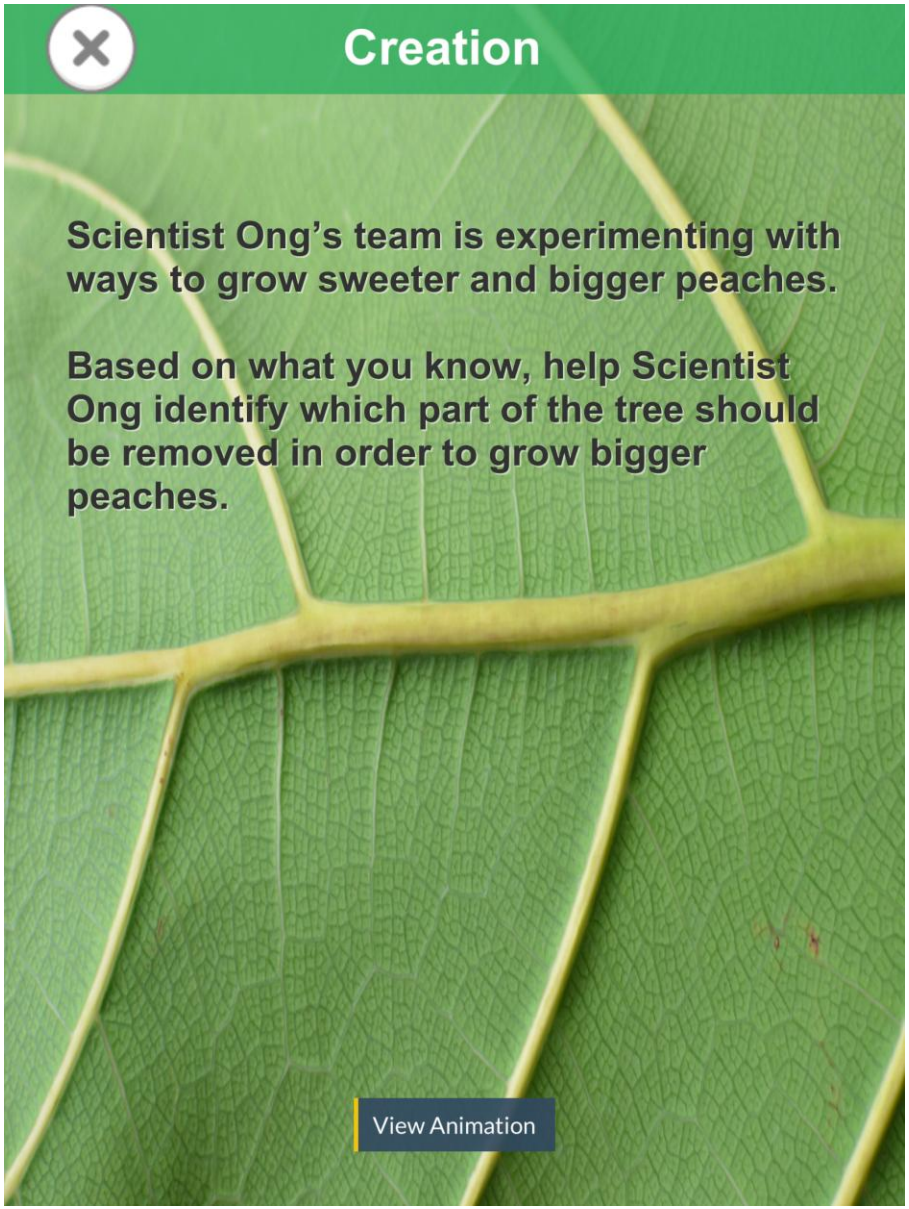

Case File
Hints Used: 0
Dear Scientist Ong,
If the food-carrying tubes of a plant are removed, which part will swell after 5 days?
The stem will swell above and below Part X
This is because:
It is because (at least 25 letter)....
After 5 days, will the plant be alive?
Yes
This is because:
It is because (at least 25 letter)....
Review Animation
Submit

Case File

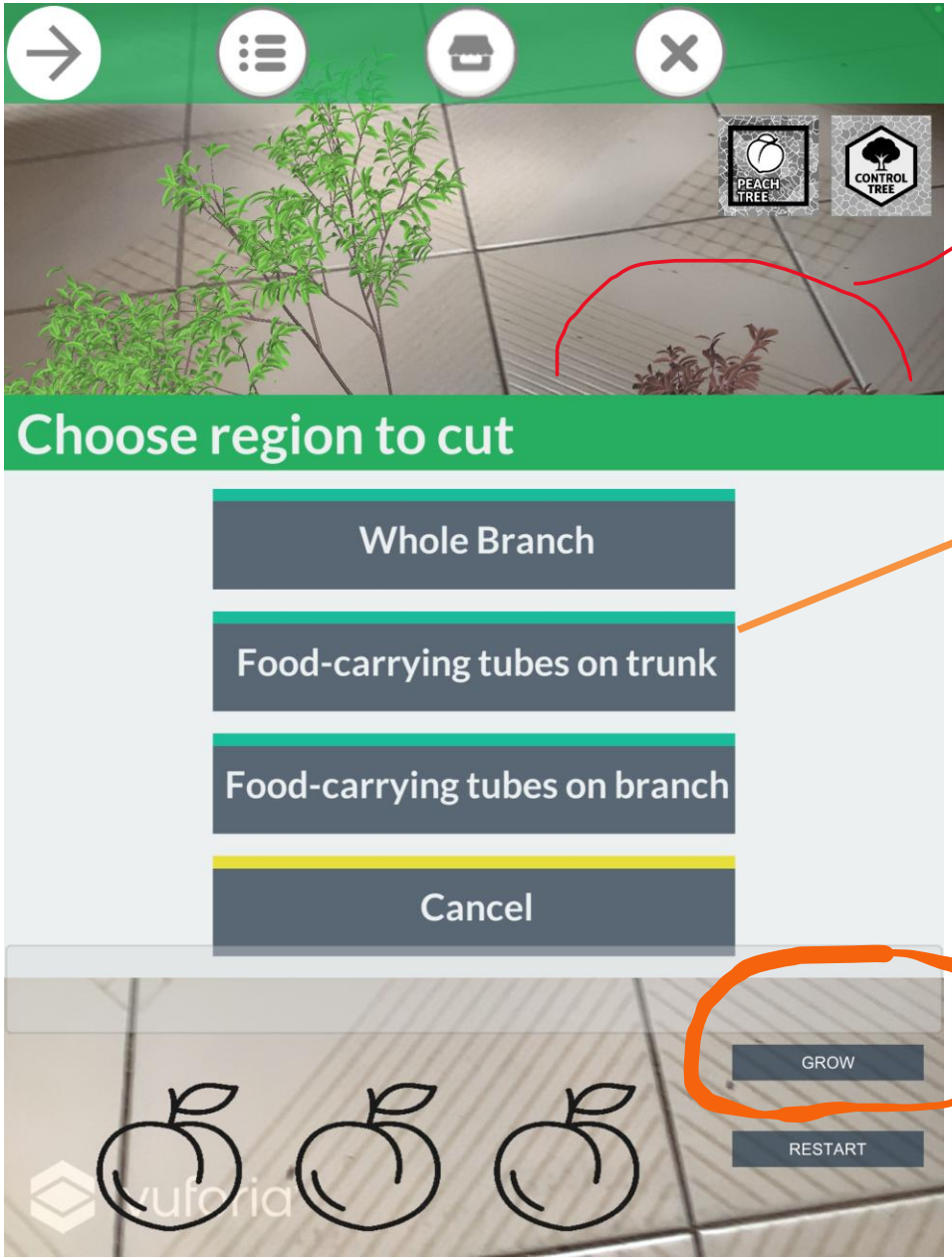

Report
Case File
Legend:
- Water
- Food
Part A
Part X
Part B
Restart


Case File
Hints Used: 0
Dear Scientist Ong,
If the food-carrying tubes of a plant are removed, which part will swell after 5 days?
The stem will swell above and below Part X
This is because:
It is because (at least 25 letter)....
After 5 days, will the plant be alive?
Yes
This is because:
It is because (at least 25 letter)....
Review Animation
Submit

Creation


Creation
Scientist Ong's team is experimenting with ways to grow sweeter and bigger peaches.
Based on what you know, help Scientist Ong identify which part of the tree should be removed in order to grow bigger peaches.
View Animation

Creation



1. Click on the red leaves.
2. A menu for cutting different parts of the Plant will pop up
3. Click on the option you think will help the peaches grow bigger

Remember: Cutting affects how food moves to the fruit

Grow the Tree

Test your decision by running the simulation.

Press the **GROW** button

Creation

Grow the Tree
Did the peaches grow bigger? If not, press RESTART and choose a different option.

The peaches will not be filled if you choose the incorrect option.

Creation

Collect Three Large Peaches

Can you collect three large peaches?

Check the weight of the peaches.