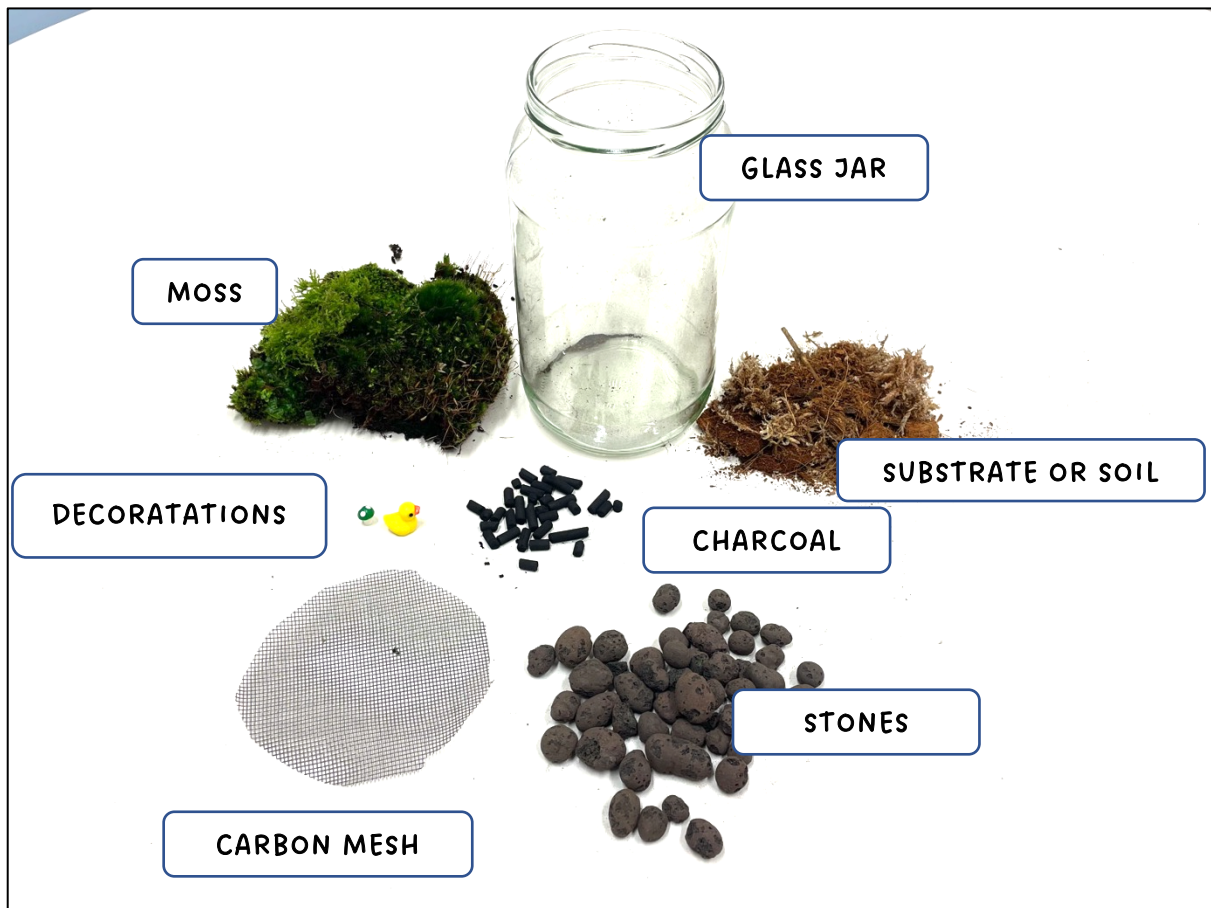


WORKSHOP 2 ECOSYSTEM IN A JAR

ACTIVITY 1: BUILD YOUR TERRARIUM

1.1. MATERIALS



1.2. INSTRUCTIONS

1



Add a layer of stones at the bottom. About a stone and a half in height (1 - 1.5cm). This will create our water reservoir at the bottom.

Measure the diameter of the jar. Cut the mesh into a circle of the same diameter and place over the stones. This will stop the soil falling down and getting compacted.

2



3



Add a tablespoon of charcoal pellets. The charcoal helps filtering undesirable substances.

Add a layer of soil or terrarium substrate. You can start shaping the inside ground of the terrarium. Use the spray bottles and spray the soil until it becomes moist and a few drops reach the bottom of the glass jar.

4



5



Add some stones, and decorations. You can use seashells, bark and different colour stones to make the surface more interesting!

Add the moss. You can break the moss into smaller bits to give your terrarium a more interesting look.

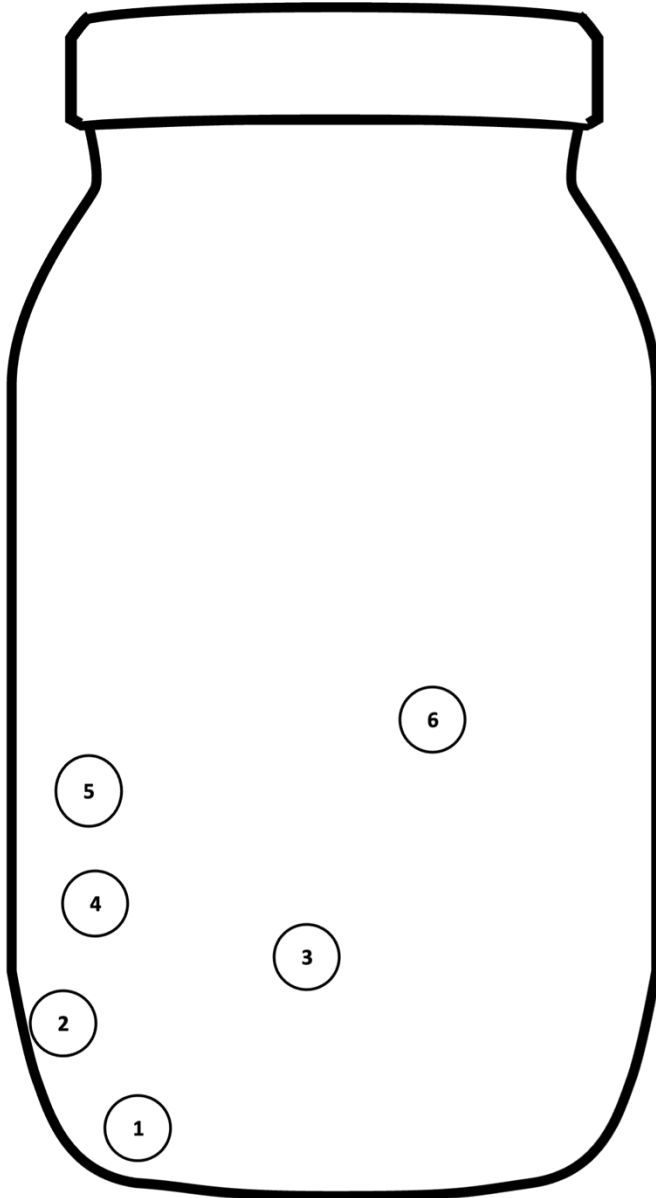
6



Congratulations! You have completed your closed ecosystem!



ACTIVITY 2: DRAW THE PARTS OF YOUR TERRARIUM AND EXPLAIN THEIR FUNCTION:



6
STONES/DECORATIONS:

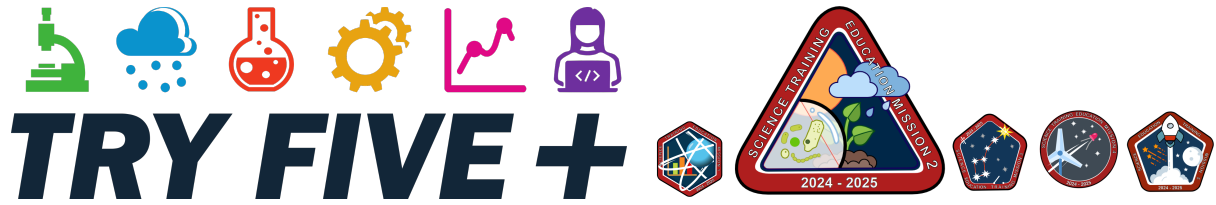
5
MOSS/PLANTS:

4
SOIL:

3
CHARCOAL:

2
MESH

1
STONE LAYER

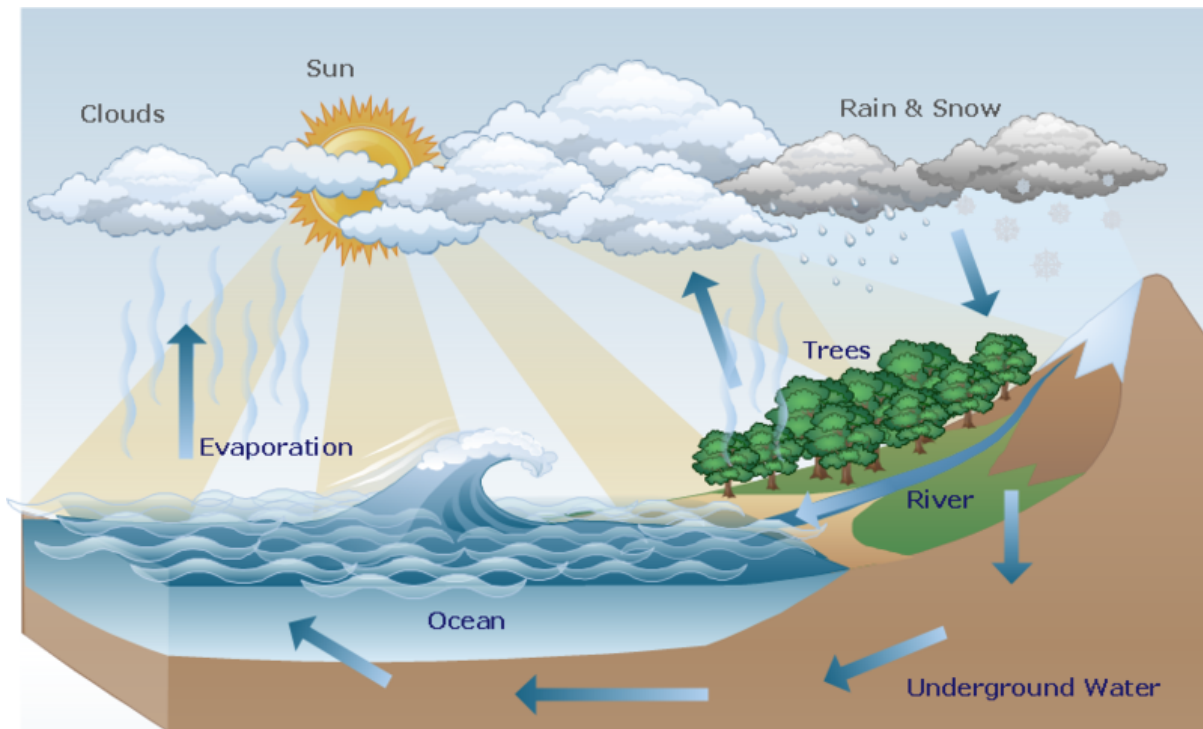


ACTIVITY 3: DRAW THE WATER CYCLE INSIDE YOUR TERRARIUM:

There is water inside your terrarium, so the water cycle will happen!

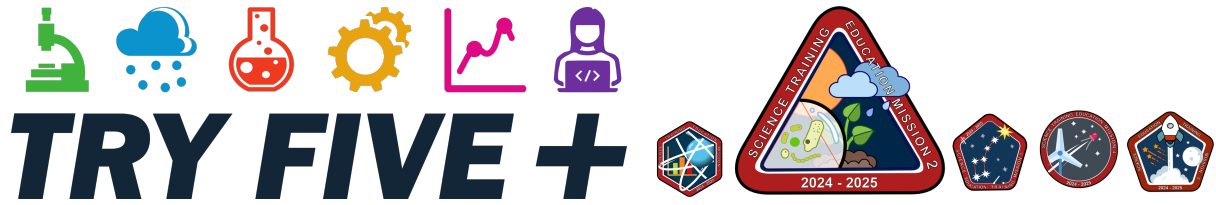
Go back to **Activity 2** and draw the phases of the cycle inside your terrarium ecosystem.

WATER CYCLE IN NATURE



Water Cycle diagram by K.Tapdiqova










ACTIVITY 4: YOUR TERRARIUM DIARY

Track the changes in your terrarium! You can draw and make notes of the changes in your ecosystem!

Not sure what to write about? Here are some ideas!

- - Where is your terrarium located
- Is the moss growing?
- Have the plants changed colour?
- Can you see water condensation in the walls?
- Did you see any critter?

WEEK 1:

Date: _____ Weather:     

I put my terrarium at/near/under/on... _____

Plants: _____

Animals: _____

Water Cycle: _____

Interesting Findings & Thinking: _____

Idea sharing: _____

Who did you share your discovery with?
What does he/she think?










TRY FIVE +



WEEK 2:

Date: _____ Weather:     

I put my terrarium at/near/under/on...

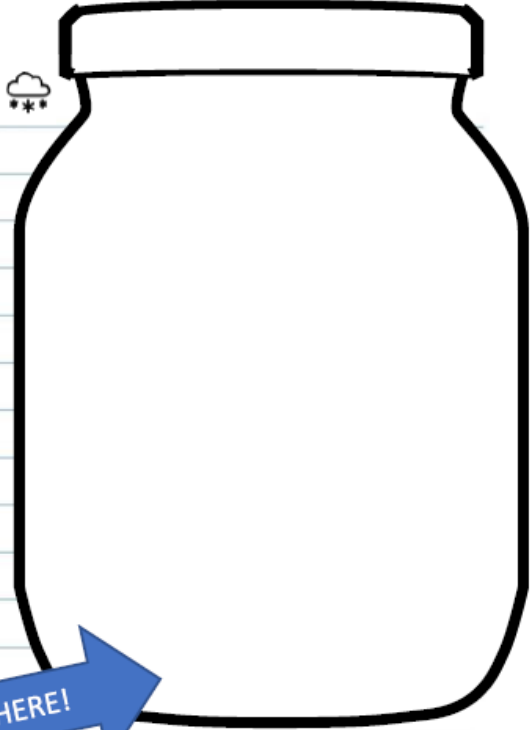
Plants:

Animals:






Water Cycle:

Interesting Findings & Thinking:

Idea sharing:



WEEK 3:

Date: _____ Weather:     

I put my terrarium at/near/under/on...

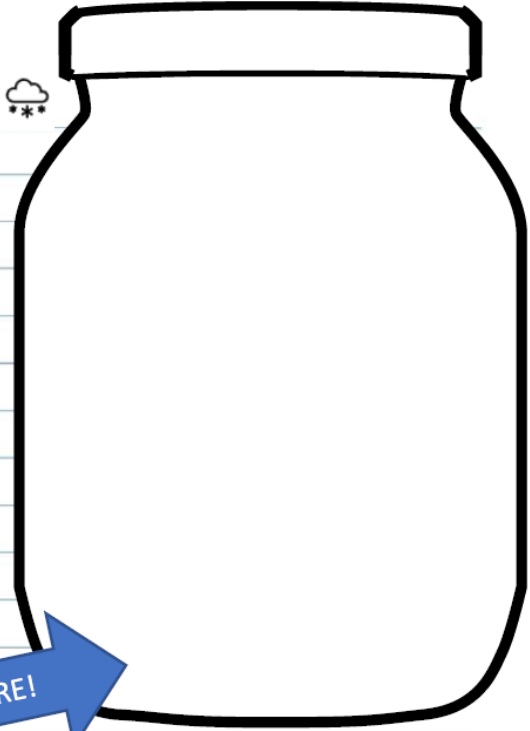
Plants:

Animals:

Water Cycle:

Interesting Findings & Thinking:

Idea sharing:



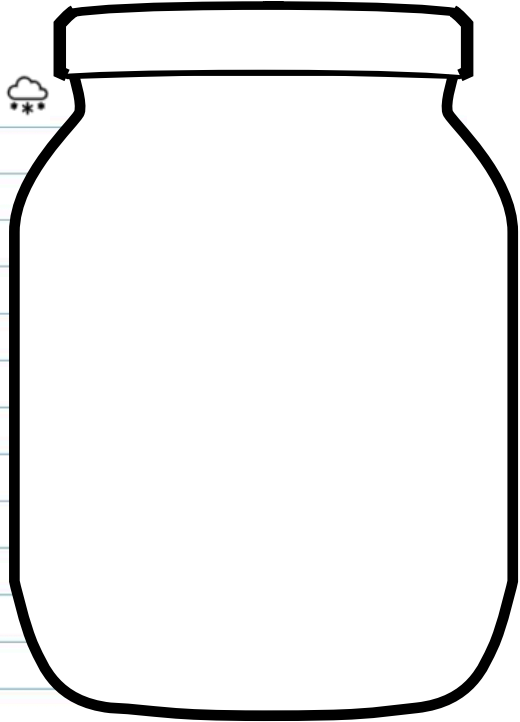
     
TRY FIVE +



WEEK 4:

Date:

Weather:     



WEEK 5:

Date:

Weather:     

