

Station 5 Our Forest in the Future

[Objectives]

Students should be able to do the following things.

1. Discuss about the problem of forest in the present time.
2. Make an action plan about conserving the forest.

Activity 5.1 Problem of the forest

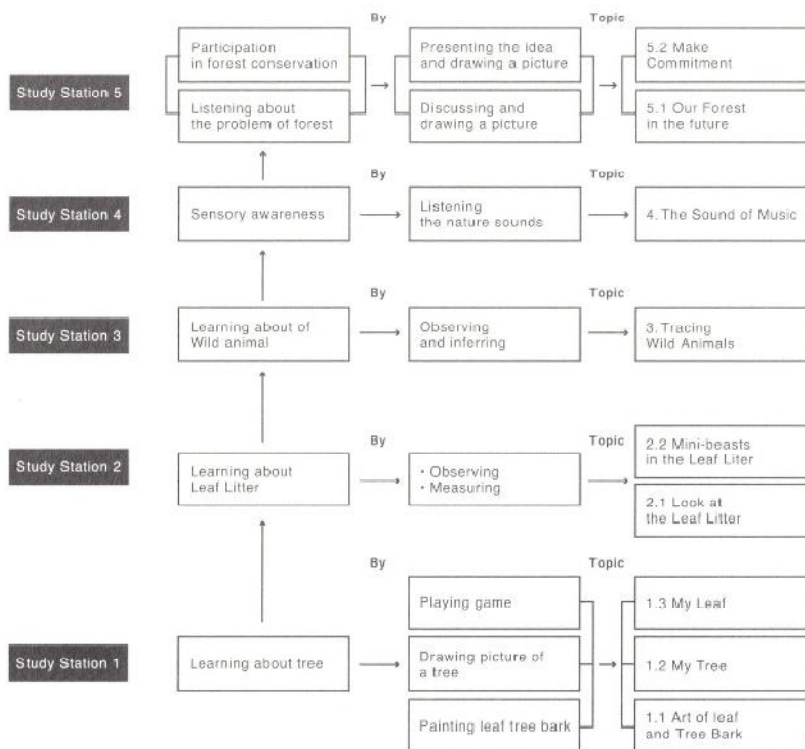
Let's talk with your friends in group as follows.

- What kind of things that should not be in the forest?
- What do you want to see in the forest?
- What is the relation between human and the forest?

- What is the big problem of the forest in world view?
- Who should take the responsibility in taking care of the forest?
- What can you do, as students, to help conserve the forest in this planet?

Activity 5.2 Make Commitment

- Think of activities that you and your friends can take action in-order to take care of the forest in your area take.
- Write down your group action plan and exchange the idea with other groups then rewrite and combine them into the complete one.



▲Task Analysis and Sequence of Activity



Bush Walk in Kosuge Village

Five study stations and activities will be set up on the trail.

Graduate Students and Lectures of
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Bush Walk in Kosuge Village

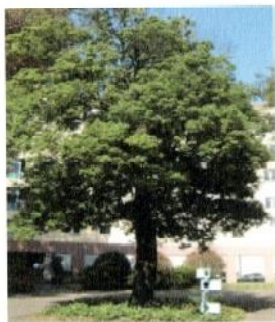
We have practiced a project "Plants and People Museum at the Ecomuseum Japan Village" for learning conservation of biocultural diversity, in Kosuge village, Yamanashi prefecture, where is located very important forests for the drinking water reservation of Tokyo Metropolis. We observe a typical temperate mountainous area in Chichibu-Tama-Kai National Park. Five study stations and activities will be set up on the trail.

Station 1 Learning about Trees

[Objectives]

Students should be able to do the following things

- Describe all about a tree from observation.
- Compare the properties of different trees at least 3 kinds



▲Why do you like this tree best?

Activity 1.1 Art of Leaf, Tree, Bark

- Select three different kind of your interested trees.
- Print the leaf and a bark of each tree by rubbing with pencil
- Smell and feel both of a bark and a leaf of each tree

Activity 1.2 My Tree

- Looking for the tree that you like best then draw or taking photo of this tree.
- Present the picture of your tree to all friends.

Activity 1.3 My Leaf

- Select one leaf that you like best and look it carefully.
- Everyone places his/her leaf in a given basket.
- Mix all leaves together.
- Each student picks up his/her own leaf in the basket back.
- Everyone check to each other to make sure that he/she gets the right.

What is your leaf look like?

Did you get the right one back?

If you get your right leaf back,
you will be a good observer.



▲What are the different things of each tree?

Station 2 Leaf Litter

[Objectives]

Students should be able to do the following things :

1. Describe the general properties of the top and under the leaf litter.
2. Measure the temperature at the top and under the leaf litter.
3. Estimate the humidity of the leaf litter area.
4. Describe about mini-beast lived on and under the leaf litter.

Activity 2.1 Look at Leaf Litter

- What does the leaf litter look like for example color, shape, humidity etc.?
- Measure the temperature both of on and under the leaf litter.

Activity 2.2 Find mini-beasts under the Leaf Litter

- Using a magnifying glass to look at mini-beasts under the leaf litter. Draw the picture and find out the name of each kind by looking at the key.
- Discuss about the foot of these mini-beasts. You can find out from the book or internet.

- If you move these mini-beasts to the warm area, what will happen to them ?
- Give the reason to support your answer.



▲A typical temperate forest

Station 3 Trace of Wild Animals

[Objectives]

Students should be able to do the following things.

1. Describe the trace that they have seen.
2. Collect all information about the trace.
3. Discuss and identify the trace.

Activity Tracing wild animals

Walking around the area of this station and look carefully at the trace on the ground, under the tree, on the tree especially at the trunk. Taking photo of the trace that you found are allowed.

- Describe what you have seen and what it look like.
- What do you learn from that trace?
- What should it be? (This is just your prediction so feel free to give your idea.)
- Please give the information to support your prediction.

Station 4 The Sound of Music

[Objectives]

Student should be able to do the following things.

1. Identify the sound of natural things as much as they can.
2. Tell the direction of the sound that they heard.

Activity

- Select your comfortable place to sit with quiet in the bush.
- Close your eyes and listen to the sound about 2-3 minute.
- Point the direction of the sound when you hear it.
- What did you hear?
- Tell a direction of each sound.
- How do you feel while you sit with quiet?
- What do you think about walking in the bush?
- Did you learn something in the bush?