



ENVIRONMENTAL STUDIES

- ❖ Dear children, please copy down the following note given in the box in your ENV Book along with the topic of the lesson.
- ❖ After writing the notes, you can draw or paste suitable pictures.

Making Compost

Compost is decomposed organic material that can be added to soil to help plants to grow .Food scraps and yard waste that we throw away, should be composted instead .You can have a compost pile/bin outside your home and use the compost made in that for gardening.

Things that can be thrown into the compost pile/bin

- Vegetable peelings
- Fruit waste
- Tea
- Grass/leaves/hay
- Egg shells
- Papers
- Wood chips

Things that should not be thrown into the compost pile/bin

- Plastic
- Polythene
- Animal waste
- Citrus
- Meat/Bones or dairy
- Diseased plants
- Coal

Advantages and Disadvantages of using Organic Compost and Chemical Fertilizers

Fertilizers can greatly increase crop, but it can cause many problems too.

Advantages of Organic Compost	Disadvantages of Chemical Fertilizers
Enriches the soil, helping the moisture retain and suppress plant diseases and pests.	Can be harmful to humans and animals
Reduces the need for chemical fertilizer.	Causes environmental pollution.
May not harm the insects that help the growth of the plant.	Damages the balance of nutrients in the soil.
Can prevent various diseases.	Can also run off into streams and rivers)can kill fish and wild life (

Activity 02

Making a bottle wind chime (hulan takaya)

Items needed:

- ✓ About 15cm long bottle with a small mouth
- ✓ 2 long nails about 7cm long
- ✓ A piece of wood about 15 cm long
- ✓ A piece of rope
- ✓ A Tanguis thread about 10cm long

Method: Place the two nails inside the bottle and close the lid. Now tie the rope and hang it on a branch of a tree as shown below. When the wind blows it will move automatically and make a sound.



Importance of hanging a wind chime

- 4) Keep animals away from the cropland
- 5) Try to scare animals
- 6) Deterring birds in the garden

Advantages of Home Gardening

Having a vegetable plot with a few fruit trees around the home is helpful to the family. It helps to maintain our home garden in an attractive manner.

- We can consume fresh fruits, vegetables, green leaves that are free from harmful pesticides.
- We can save money spent on buying vegetables and fruits from the shop.
- We can earn money by selling plants, excess vegetables and fruits.
- It can be a source of additional income.
- Provides fresh air to the atmosphere.