

LESSON 5

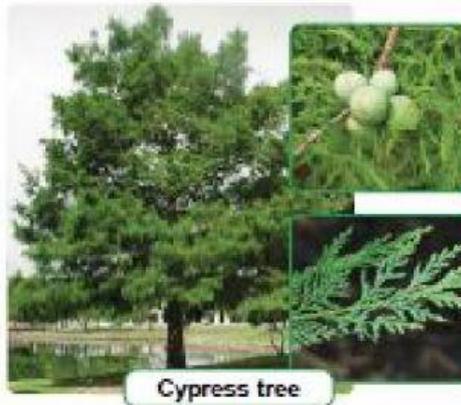
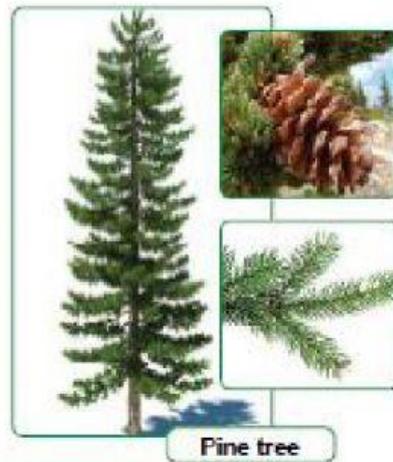
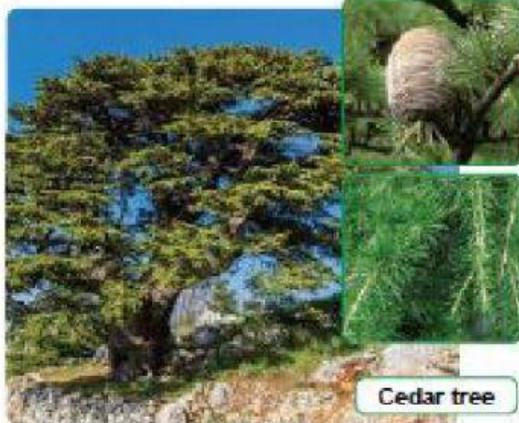
Conifers



Conifers are cone bearing seed plants. The majority are trees though few are shrubs. They are evergreen and are found everywhere in Lebanon.
How can we identify conifers?
What are the conifers that grow in Lebanon?

Activity 1: The Conifers

I Observe, I Think



- Specify whether the mentioned trees are green or not.

Green because they have green leaves.

- Are these trees carrying fruits or cones? ... *cones*

- Describe the shape of the leaves in these trees.

Needle-shaped

I Complete

- Conifers are *green*..... plants, they have green leaves of *needle*..... shapes.
- Conifers carry *cones*.....
- Cedars, cypress, and pine are *conifers*.....

Activity 2 : The Characteristics of Conifers

I Observe, I Think



Spring



Summer



Autumn



Winter

- Conifers are known as: “evergreen plants”. Explain this statement.

They are evergreen because they do not lose their leaves in Fall

nor in Winter. Their leaves stay green throughout the year

 I Complete

- Conifers keep their leaves throughout the year.

 Activity 2 : Kinds of cones

 I Observe, I Think



- Indicate what cones contain inside. seeds

 I Complete

- In conifers, seeds are found inside the cones.
- Cones have different shapes.



I Conclude

- Conifers are evergreen plants that carry cones.
- Their leaves are needle- shaped.
- Although cones have different shapes. All of them contain seeds.

IMPORTANT WORDS

- Cones
- Needle
- Evergreen plants
- Conifers

III. Observe the following photos.



Fir tree in Summer and Winter

a. Compare the leaves of the fir tree during the two seasons.

...In both seasons, they are still green and carried on the tree.....
.....

b. Draw out a conclusion.

...fir tree is an evergreen conifer tree.....
.....



II. Observe the following photos.



Oak tree in different seasons

Oak leaves and fruits

a. Describe the oak tree in different seasons.

..In Spring and Summer, it carries green leaves that become yellow in
..Fall and fall down in Winter.....

b. Specify whether oak is an evergreen plant or not.

..It is not, because it loses its leaves in Fall and Winter.....

c. Is the oak tree a conifer? To answer this question, complete the following:
To be a conifer, it should have the following characteristics:

- Shape of leaves: ..needle-shaped.....
- Color of leaves during all the seasons:green.....
- Seeds grow inside: ..cones.....

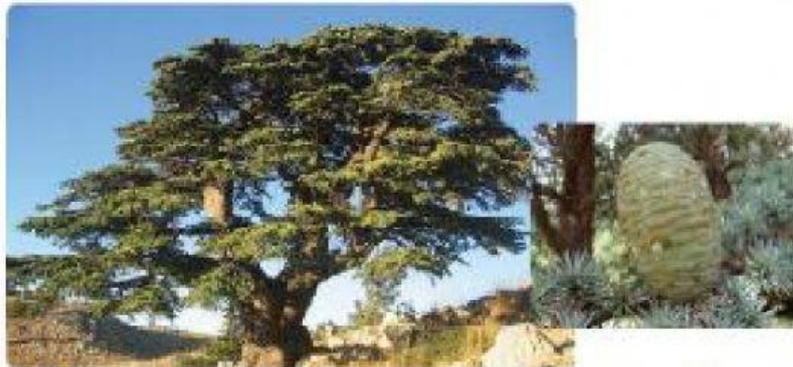
Oak tree

- Shape of leaves: ..are not needle-shaped.....
- Color of leaves during seasons: ..green in summer and spring, yellow in fall.....
- Seeds grow inside:fruits.....
- So, the oak tree (is, is not)is not..... a conifer.

Zoom on some Conifers from Lebanon



► Cedar plant



► The Cedar of Lebanon [*Cedrus Libani*] is one of the most beautiful trees in the world. With its giant trunk, its horizontal branches and foliage, the Cedar is sought after as an ornamental tree. The Cedar lives in high mountains. Its leaves are needle-like and have cone-shaped fruits. It belongs to a plant family called: conifers.

► Pine plant



► Pine is a tree that grows on sandstone, at medium altitude. It has a sturdy trunk, its foliage is needle-shaped and has cone fruits that contain edible seeds. It belongs to the same family as the Cedar: conifers.