

Academic Year 2015/2016
Mrs. Lucy Penenian

Grade 4
Science

Content	Objective
Different Plants	<ul style="list-style-type: none">-Discover plant diversity: trees, shrubs and grasses.-Distinguish between wild plants and cultivated plants-Relate some of those wild plants to a suitable location from their development
Freshwater Habitats and their plants	<ul style="list-style-type: none">-Explore different freshwater habitats: Streams, lakes, ponds and rivers.- Discover the characteristics of freshwater habitats.-Recognize some freshwater plants.
The world of flowering plants	<ul style="list-style-type: none">-Recognize flowering plants-Define a flowering plant
Conifers	<ul style="list-style-type: none">-List the main characteristics of conifers.-Recognize some of the most widespread conifers in Lebanon.-Observe a cone
Plants protect the soil	Discover which part of the plant is responsible for soil protection. Avoid deforestation and forest fires.
Freshwater pollution and its Harmful effects	<ul style="list-style-type: none">List freshwater polluting substances and their sources.-Infer that polluted water is harmful for living things.-Determine ways to protect freshwater environment.
Lebanon's Wild animals	<ul style="list-style-type: none">-List and recognize some of the wild animals in Lebanon among mammals, birds, reptiles and insects.
Freshwater animals	<ul style="list-style-type: none">-Discover some freshwater animals-Explain the relationship between freshwater animals and plants in their habitat.

Vertebrates	<ul style="list-style-type: none"> -Define what a vertebrate is -Recognize the five vertebrates groups: mammals, birds, reptiles, amphibians and fish. -follow the metamorphosis of an amphibian: the frog.
Invertebrates	<ul style="list-style-type: none"> -Distinguish between vertebrates and invertebrates -Distinguish insects, mollusks and worms.
My skeleton	<ul style="list-style-type: none"> -Discover and define the skeleton - Name the different parts of the skeleton -Determine the functions of the skeleton. -Recognize the different bone shapes: flat,short and long.
The Skeleton: an Articulated living Structure	<ul style="list-style-type: none"> -Observe that bones are connected by ligaments and define joints.
My Body in Motion	<ul style="list-style-type: none"> -Understand he role of muscles in the body -Infer that muscles develop and grow just like bones.
A solid skeleton and strong muscles	<ul style="list-style-type: none"> -Recognize the basics of good hygiene for muscles and bones. -Importance of food sports and rest.
Eating. What to Eat?	<ul style="list-style-type: none"> -Demonstrate the importance of food for the moving body: for growth, maintenance, energy and good health. -Discover the different groups of foods and their role in the body's functions. -Define what a healthy diet is.
Food and Health	<ul style="list-style-type: none"> -Identify the dangers of a poor diet. -Identify a few basic hygiene rules. -Establish that eating at regular times, and in sufficient quantities, is enough to maintain our health.
Matter and its Constituents	<ul style="list-style-type: none"> -Discover and define matter.
The volume of an object	<ul style="list-style-type: none"> -Be aware that an object occupies a certain space. -Discover how to measure volume of different objects.
The mass of an object	<ul style="list-style-type: none"> -Discover that any object has a mass -Know how to use a set of scales. -Learn the units used to measure mass.

Different Types of Mixture	<ul style="list-style-type: none">-Define a mixture and give examples.-Differentiate the various types of mixture (homogenous and heterogeneous)
Solutions	<ul style="list-style-type: none">-Discover substances that can be dissolved in water.-Define a solution and discover the solute and the solvent.