

## Academic Year 2016/2017

Mrs. Lucy Penenian

Grade 3

Science

Contents	Learning objectives
Different parts of a green plant	-Recognize the different parts of a green plant
All kinds of plants	Recognize the existence of many varieties of roots, stems and leaves of plants.
Habitats	Exploring various habitats
Animals and plants in their habitats	-Observe animals and plants in various habitats. -Relate a habitat to its fauna or flora
Exploring the desert	-Recognize the characteristics of a desert. -Explore life in an oasis
Animals and plants of deserts	-Explore animals and plants of a desert and their adaptation to the habitat
Forest of Lebanon	Recognize and characterize the forest habitat
Woods of Lebanon	Distinguish woods from forests
Animals of woods and forests	Explore animals that live in woods and forests
Lebanon's sea	Recognize the sea water habitat, comparing various coasts.
Animals and plants of the Sea water	Explore the diversity of animals and plants of the sea water
Pollution of the Mediterranean Sea	-List some factors of sea pollution -Understand the responsibility of humans
Five senses to explore the world	Recognize the five senses and their role
Body movements	Explore bones and muscles that allow moving understand the importance of sport and rest
Varied foods to grow healthy	Explore the various groups of foods and their role
The journey of foods in the body	-Recognize the different parts of the digestive system -Explore the path of foods -Learn how to take care of the digestive system
The body expels its liquid wastes	-Recognize the different parts of the urinary system -Understand the role of perspiration
Our body breathes	-Recognize the various parts of the respiratory system -Understand the variation of breathing according to the effort
Keeping clean to stay healthy	Be aware of problems that are connected with the lack of hygiene
What is solid?	Defining through observation and experimentation the main characteristics of solids
Liquids Flow	Defining through observation and experimentation the main characteristics of liquids

Exploring Gases	Defining through observation and experimentation the main characteristics of gases
Capacity of a container	-Define the capacity of the container -Explore unit for measuring volume
Measuring the volume of a liquid	Using appropriate means to measure the volume of a liquid and capacity of a container
Sources of heat	-Explore the role of the sun as a major source of heat on earth. -Recognize other sources of heat
Temperature and thermometers	Recognize the characteristics of thermometers and learn how to use them.
Conductors of heat and insulators	Explore the concept of a conductor and an insulator.
Pulling, pushing and lifting	Understand the need of exerting a force to move, or to deform an object.
Moving objects	Recognize that it is easier to move objects on a smooth surface. Explore the importance of wheels.