



	SCIENCE STUDY GUIDE	
School Grade	FOURTH GRADE	
	SUBJECT	
Subject	SCIENCE	
	BIMESTRE	
Bimester	FIRST BIMESTER	
	PERIOD	
Evaluation Period	FIRST PERIOD	
	CONTENTS	
	<ul style="list-style-type: none"> 1- Living and Non-living things. 2- Levels of organization within living things. 3- Animal and plant cells. 4- Plant tissues. 5- Life cycle of plants with flowers. 6- Life cycle of plants without flowers. 	
	MAIN OBJECTIVES	
	<ul style="list-style-type: none"> 1- To identify the difference between living things and non-living things and provide examples of each one. 2- To describe the structure of the different levels of organization within living things. 3- To distinguish the difference between animal and plant cells and their elements. 4- To identify the functions of plant tissues. 5- To organize the life cycles of plants. 6- To identify the different life cycles of plants depending weather they have flowers or not. 	
	STUDY MATERIALS	
	Notebook and personal notes taken in class.	

TOPIC	PAGES	RECOMMENDED ACTIVITIES
Living and non-living things	Notebook	Make a list of 5 names of living things and 5 non-living things.
EXAMPLE		
Living things: a person, a tree etc. Non-living things: a car, a table, etc.		
TOPIC	PAGES	RECOMMENDED ACTIVITIES
Levels of organization within living things.	Notebook	Write and describe the different levels of organization of a living thing.
EXAMPLE		
Tissue: it is a group of similar cells.		
TOPIC	PAGES	RECOMMENDED ACTIVITIES
Animal and plant cells.	Notebook	Draw and identify the parts of animal cells and plant cells.
EXAMPLE		
Animal and plant cells share some components but they also have some different ones. Example: nucleus, cell wall, etc.		

TOPIC	PAGE	RECOMMENDED ACTIVITIES
Plant tissues.	Notebook	Make a diagram of the functions of the plant tissues.
EXAMPLE		
There are animal tissues and plant tissues which have different characteristics and different compositions. Example: Dermal tissue: covers and protects.		
TOPIC	PAGE	RECOMMENDED ACTIVITIES
Life cycles of plants.	Notebook	Complete the life cycles of plants with flowers and without flowers by drawing them. Also, study the conditions that are necessary for a plant to germinate and grow.
EXAMPLE		
Plants have a different life cycle depending if they have flowers or not. Plants without flowers: seeds, cone, etc. Plants with flowers: fruit, flower, etc.		

OBSERVATIONS
Since we are not working with a textbook this year, the recommendation is to study the notes taken in class or look for definitions and examples at other sources such as the internet.