

MARINA INTERNATIONAL SCHOOL

SCIENCE SCHEME OF WORK

RECEPTION - TERM 1

WEEK	TOPIC	TOPIC DETAILS
1.1	Plants	<ul style="list-style-type: none">• Definition of Plants
2.1	Plants	<ul style="list-style-type: none">• How do plant grow?
3.1	Plants	<ul style="list-style-type: none">• Parts of a plant (root& Stem)
4.1	Plants	Parts of a Plant (leaves)
5.1	Plants	Parts of a Plant (seeds)
6.1	Plants	Parts of a Plant(stem& Flower)
7.1	MID TERM BREAK	MID TERM BREAK
8.1	Plants	<ul style="list-style-type: none">• Importance of plants• Naming of plants (mango tree, shrub etc) LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
9.1	Plants	<ul style="list-style-type: none">• What do plants need?• SONGS/ STORIES/ RHYMES ON PLANT• SCHOOL VISIT TO THE FARM.
10.1	Animals	<ul style="list-style-type: none">• Animal• Types of Animals (Animals group). Exploring the different types of animals.• Sorting animals from different habitats.• (Under water animals). Rainbow fish, Arctic animals, jungle animals, farm animals.
11.1	Growing up	<ul style="list-style-type: none">• How do animals grow?• How we change from baby to adulthood. (lifecycle).

WEEK	TOPIC	TOPIC DETAILS
12.1	Growing up	<ul style="list-style-type: none"> • Animals and their young ones (cow – calf, Hen – chick etc.) • Movement of Animals (eg. Crawling, galloping etc) • Animals and their sounds. (eg moo says the cow, meow says the cat etc) SONGS/RHYMES / STORIES ON GROWING UP : GROWING EVERYDAY ETC
13.1	Living things	<ul style="list-style-type: none"> • Definition of Living things. • Characteristics of living things. (move, grow etc) • Naming of living things. (Human beings, plants, Animals) SONGS/ RHYMES/ STORIES ON LIVING THINGS: LIVING THING GROW LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
14.1	• Non-living things	<ul style="list-style-type: none"> • Definition of Non-living things
15.1	Non Living Things	<ul style="list-style-type: none"> • Characteristics of non-living things • Naming of non-living things (Table, pencil etc) SONG/ RHYMES/ STORIES ON NON LIVING THINGS: LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
16.1	Parts of the body	<ul style="list-style-type: none"> • Naming of the parts of the body (leg, head etc). • Functions of some parts of the body SONG/RHYMES/ STORIES ON PART OF THE BODY: HEAD SHOULDER KNEES AND TOES... LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT

SCIENCE SCHEME OF WORK

RECEPTION - TERM 2

WEEK	TOPIC	TOPIC DETAILS
1.1	Senses	<ul style="list-style-type: none">• Senses• Types of senses (smell, taste, feeling etc.)
2.1	Senses	SONGS/ RHYMES /STORIES ON FIVE SENSES: EYES TO SEE EARS TO HEAR... LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
3.1	Food groups	<ul style="list-style-type: none">• Types of food group (carbohydrates, vegetables, fruits and protein)
4.1	Food Groups	<ul style="list-style-type: none">• Why do we need food? (healthy eating)• Exercise (jogging, swimming etc)
5.1	Food Groups	<ul style="list-style-type: none">• Similarities and differences between ourselves and others. Eg pork from a pig or beef from a cow etc Song/rhymes/stories on food groups I like to eat... etc LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
6.1	Earth	<ul style="list-style-type: none">• Air on earth?
7.1	MID TERM BREAK	MID TERM BREAK
8.1	Earth	<ul style="list-style-type: none">• Things found on earth
9.1	Rocks	<ul style="list-style-type: none">• Types of Rocks
10.1	Rocks	<ul style="list-style-type: none">• Uses of Rocks. (rocks for building, decorations etc
11.1	Soil	<ul style="list-style-type: none">• What is soil?• Types of Soil?

WEEK	TOPIC	TOPIC DETAILS
12.1	Soil	. Uses of soil. (soil for building and growing fruits and vegetables etc) . SONGS / RHYMES / STORIES ON EARTH: EARTH IS MY HOME ETC LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
13.1	Water	• Sources of water (lake, well, tap etc)
14.1	Water	• 10.3 Uses of water washing, cooking etc) . SONGS /STORIES/ RHYMES ON WATER: RAIN RAIN GO AWAY WATER GURGLE DOWN THE DRAIN, ECT LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT

SCIENCE SCHEME OF WORK

RECEPTION - TERM 3

WEEK	TOPIC	TOPIC DETAILS
1.1	Matter	• Definition of Matter?
2.1	Matter	• State of matter (solid, liquid, gas)
3.1	Energy	• Definition of Energy
4.1	Energy	• 11.4 Types of energy (heat, light, sound energy) SONGS/RHYMES /STORIES ON ENERGY: SUN MR. GOLDEN SUN.ETC.
5.1	MID TERM BREAK	MID TERM BREAK
6.1	Materials	What are Materials?
7.1	Materials	• Types of materials (natural and man-made)
8.1	Materials and Properties	• Classification of materials (metal, glass, clay, wood).
9.1	Materials and Properties	• 12.4 Uses of materials eg(For storing water, furniture etc.).SONGS/RHYMES/STORIES ON MATERIALS AND PROPERTIES LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
10.1	Weather	• What is weather?
11.1	Weather	• Types of weather (sunny, windy, rainy, cloudy)
12.1	Seasons	• Naming of the seasoning (Rainy, Dry Autumn, summer etc)

WEEK	TOPIC	TOPIC DETAILS
13.1	Seasons	<ul style="list-style-type: none">• SONG/RHYMES/STORIES ON SEASON AND WEATHER. (Sun Mr. Golden Sun, Rain Rain Rain Go Away etc. LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
14.1	Weather and Seasons	<ul style="list-style-type: none">• Videos, project works and presentations related to all topics.