

# MARINA INTERNATIONAL SCHOOL

## SCIENCE SCHEME OF WORK

### NURSERY - TERM 1

WEEK	TOPIC	TOPIC DETAILS
1.1	Plants	<ul style="list-style-type: none"><li>• Definition of Plants.</li></ul>
2.1	Plants	<ul style="list-style-type: none"><li>• How do plant grow?</li></ul>
3.1	Plants	<ul style="list-style-type: none"><li>• Parts of plants (stem, root.)</li></ul>
4.1	Plants	<ul style="list-style-type: none"><li>• Parts of plants ( Flower and leaves.)</li></ul>
5.1	Plants	<ul style="list-style-type: none"><li>• Importance of plants</li><li>• Naming of plants (mango tree, shrub etc.)</li></ul>
6.1	Plants	<ul style="list-style-type: none"><li>• What do plants need?</li><li>• Story, Songs and rhymes on plants</li><li>• School visit to the farm.</li></ul> <p>LANGUAGE LINK TO SSM/ SCIENCE IN ENVIRONMENT</p>
7.1	MID-TERM	MID-TERM BREAK
8.1	Animals	<ul style="list-style-type: none"><li>• Naming of Animals</li><li>• Types of Animals (Animals group). Exploring the different types of animals.</li></ul>
9.1	Animals	<ul style="list-style-type: none"><li>• Sorting animals from different habitats.</li><li>• (Under water animals). Rainbow fish, Arctic animals, jungle animals, farm animals.</li></ul>
10.1	Animals	<ul style="list-style-type: none"><li>• What do Animals need? (shelter, home, food, water). What do animals eat and what do we get from them. E.g. milk from a cow or wool from the sheep.</li><li>• A visit to a farm, (Story, songs and rhymes on animals).</li></ul>

<b>WEEK</b>	<b>TOPIC</b>	<b>TOPIC DETAILS</b>
11.1	Growing Up	<ul style="list-style-type: none"> <li>• How do animals grow? (Growing and changing)</li> <li>• How we change from baby to adulthood.</li> </ul>
12.1	Growing Up	<ul style="list-style-type: none"> <li>• Animals and their young ones (cow – calf, Hen – chick etc.)</li> <li>• Movement of Animals (e.g. Crawling, galloping etc.)</li> </ul>
13.1	Growing Up	<ul style="list-style-type: none"> <li>• Animals and sounds, (e.g. moo says the cow and meow says the cat etc.) story, songs and rhymes on growing up.</li> </ul> <p>LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT</p>
14.1	Living things	<ul style="list-style-type: none"> <li>• Definition of Living things</li> <li>• Characteristics of living things. (move, grow etc.)</li> <li>• Naming of living things. (Human beings, plants and Animals) (story, rhymes and songs on living things.</li> </ul> <p>LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT</p>
15.1	Non-Living things	<ul style="list-style-type: none"> <li>• Definition of Non-living things</li> <li>• Characteristics of non-living things</li> <li>• Naming of non-living things (Table, pencil etc.) story, rhymes and songs on non- living things.</li> </ul> <p>LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT</p>
16.1	Parts of the body	<ul style="list-style-type: none"> <li>• Naming of the parts of the body (leg, head etc.)</li> <li>• Functions of some parts of the body, (e.g I walk with my legs, I see with my see etc.) story, songs and rhymes on parts of the body.</li> </ul> <p>LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT</p>

# SCIENCE SCHEME OF WORK

## NURSERY - TERM 2

WEEK	TOPIC	TOPIC DETAILS
1.1	Senses	<ul style="list-style-type: none"><li>• Senses</li><li>• Types of senses (smell, taste, feeling etc.)</li></ul>
2.1	Senses	<ul style="list-style-type: none"><li>• Matching senses to the parts of the body, story, songs and rhymes on five senses.</li></ul> LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
4.1	Food Groups	<ul style="list-style-type: none"><li>• Why do we need food? (healthy eating)</li><li>• Exercise (jogging, swimming etc.)</li></ul>
5.1	Food Groups	<ul style="list-style-type: none"><li>• Similarities and differences between ourselves and others. E.g. pork from a pig or beef from a cow. Story, rhymes and Songs on food groups eg- (I like to eat, eat, eat yogurts and bananas).</li></ul>
6.1	Earth	<ul style="list-style-type: none"><li>• Air on earth?</li></ul>
7.1	MID-TERM	MID-TERM BREAK
8.1	Earth	<ul style="list-style-type: none"><li>• Things found on earth</li></ul>
9.1	Rocks	<ul style="list-style-type: none"><li>• Types of Rock</li></ul>
10.1	Rocks	<ul style="list-style-type: none"><li>• Uses of Rocks (Rocks for building, Rocks for decoration etc.)</li></ul>
11.1	Soil	What is Soil?
12.1	Soil	<ul style="list-style-type: none"><li>• Types of soil.</li></ul>

<b>WEEK</b>	<b>TOPIC</b>	<b>TOPIC DETAILS</b>
13.1	Soil	<ul style="list-style-type: none"> <li>• Uses of soil, (soil for growing, soil for building) story, songs and rhymes on earth eg (earth is my home)</li> </ul> LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
14.1	Water	<ul style="list-style-type: none"> <li>• Sources of water (lake, well, tap etc.)</li> <li>• Uses of water (washing, cooking etc.) story, rhymes and songs on eg the Water gurgle down the drain etc.</li> </ul>

# SCIENCE SCHEME OF WORK

## NURSERY - 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	• Types of energy (heat, light, sound energy) story, rhymes and songs on energy (sun, Mr. golden sun) etc. LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT
5.1	MID-TERM	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	• Uses of materials e.g (story water, making furniture etc.) story, rhymes and songs on materials and properties
10.1	Weather	• What is weather?
11.1	Weather	• Types of weather (sunny, windy, rainy, cloudy)
12.1	SEASONS	• Naming of the seasoning (Autumn, summer etc.) story, rhymes and songs on weather and seasons (Rain, rain go away, sun Mr. golden sun)

<b>WEEK</b>	<b>TOPIC</b>	<b>TOPIC DETAILS</b>
13.1	WEATHER AND SEASON	LANGUAGE LINK TO SSM/SCIENCE IN ENVIRONMENT VIDEO CLIPS • Video clips, project work and presentations related to all topics.