YEARLY PLAN – SCIENCE YEAR ONE

SEMESTER / WEEK	LEARNING OBJECTIVES	LEARNING OUTCOME	SCIENCE PROCESS SKILLS	MANIPULATIVE SKILLS	SUGGESTED LEARNING ACTIVITIES	VOCABULARY
SEM 1	LEARNING PART A : LEARNING ABOUT LIVING THINGS LEARNING AREA : 1.0 OURSELVES					
1	1.1 The names of different parts of the body	1.1.1 Identify parts of the body.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus.	Refer to the curriculum specifications for year 1 science	Head, body, arms,legs, eyes, ears, nose, mouth, hair, neck, hands, foot/feet, fingers, toes.
2	1.2 The five sences and the parts of the body linked with each sence.	1.2.1 Say that they use their: eyes to see, Ears to hear, Nose to smell, Tougue to taste, Skin to touch an feel.				See, hear, smell, taste, touch, feel
3	1.3 To link good health with good habits.	1.3.1 Practise good daily habits. Give reasons for practising the habits.				Brush, teeth, bathe, wash

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SEM 1	LEARNING PART A : LEARNING ABOUT LIVING THINGS LEARNING AREA : 1.0 OURSELVES					
4	1.4 that they are different types of food	1.4.1 Name different foods such as rice, bread, vegetables, fruits, fish, chicken, eggs, milk.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus.	Refer to the curriculum specifications for year 1 science	Vegetables, fruits, rice, fish, chicken, eggs, milk, breakfast, lunch, dinner.
5	1.5 To link eating good foods with good health.	1.5.1 state that we need to eat and drink to grow and be healty..				
6		1.5.2 state that we need to eat appropriate times.				
7		1.5.3 identify health foods such as vegetables, fruits, rice, fish, chicken, eggs, milk.				

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SEM 1	LEARNING PART A : LEARNING ABOUT LIVING THINGS LEARNING AREA : 2.0 ANIMALS					
8	2.1 The names of different animals	2.1.1 know the name of different types of animals.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus	Refer to the curriculum specifications for year 1 science	Cat, dog, cow, goat, fly, butterfly, ant, fish, bird, snake, frog
9	2.2 The names of different parts of animals.	2.2.1 Identify different parts of animals.				Eyes, ears, nose, beak, mouth, wing, legs, tall, fin, horn
10	2.3 Where animals llive.	2.3.1 communicate observation through drawing or descriptions.				House, farm, field, tree, grass, pond, soil, forest.
11		2.3.2 state where different animals live.				

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SEM 1	LEARNING PART A : LEARNING ABOUT LIVING THINGS LEARNING AREA : 3.0 PLANTS					
12	3.1 The names of different plants.	3.1.1 communicate observations through drawing or decriptions	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus	Refer to the curriculum specifications for year 1 science	Hiibiscus, rose, orchid, grass, coconut tree, papaya tree
13		3.1.2 know the names of different plants				
14	3.2 The names of different parts of plants.	3.2.1 identify different parts of the plant.				Stem, branch, leaf, flower, fruit, root
15	3.3 That plants grow	3.3.1 State that plants grow by comparing the height, number of leaves and sizes of stems.				Taller, bigger
16		3.3.2 communicate observation through drawing and descriptions.				

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SEM 1	LEARNING PART A : LEARNING ABOUT LIVING THINGS LEARNING AREA : 3.0 PLANTS					
17	3.4 That plants need water to grow.	3.4.1 State that plants need water to grow.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus	Refer to the curriculum specifications for year 1 science	Water
18	3.5 That plants need sunlight to grow.	3.5.1 State that plants need sunlight to grow				sunlight

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SEM 2	LEARNING PART B : LEARNING ABOUT THE WORLD AROUND US. LEARNING AREA : 1.0 USING OUR SENSES					
1	1.1 About different colours.	1.1.1 identify different colours.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus.	Refer to the curriculum specifications for year 1 science	Red, blue, green, yellow, white, black, purple, brown, orange, pink
2	1.2 About different shapes.	1.2.1 identify different shapes.				Triangle, square,rectangle, circle.
3	1.3 about different sizes.	1.3.1 Differentiate sizes : big and small				Big, smell
4	1.4 To group objects using different criteria.	1.4.1 Recognise the similarities and differences between objects and group them accordingly.				Same, different

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SEM 2	LEARNING PART B : LEARNING ABOUT THE WORLD AROUNG US. LEARNING AREA : 1.0 USING OUR SENSES					
5	1.5 About different sounds	1.5.1 identify diffent sounds.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus.	Refer to the curriculum specifications for year 1 science	
6		1.5.2 identify the sounds that animals make.				Quack, moo, bark, cluck, meow, chirp, roar, bleat, hiss.
7		1.5.3 identify the sounds of different musical instruments.				Beat, pluck, blow, shake.
8		1.5.4 descibe sounds.				Loud, soft
9		1.5.5 Recognise some sounds are nice to listen to and some are not.				Noisy,quiet
10		1.5.6 Recognise sounds created for specific purposes				

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SEM 2	LEARNING PART B : LEARNING ABOUT THE WORLD AROUND US LEARNING AREA : 1.0 USING OUR SENSES					
11	1.6 About different smells	1.6.1 Say whether things smell or do not smell.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus	Refer to the curriculum specifications for year 1 science	Nice smell, bad smell
12		1.6.2 Group things according to their smells : nice, bad.				
13	1.7 About different tastes	1.7..1 Differentiate between : sweet and salty sour and bitter.				Sweet, sour, salty, bitter
14	1.8 About different properties and condition of materials through touch.	1.8.1 Say whether objects are : a) Rough or smooth a) hard or soft b) hot or cold c) wet or dry				Hard, soft, rough and smooth, hot, cold, wet, cool
15	1.9 That they use their senses to identify objects	1.9.1 Say that smell, touch, feel, hear, taste and see to identify the objects.				(all vocabulary in learning objectives 1.1 to 1.8

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SEM 2	LEARNING PART B : LEARNING ABOUT THE WORLD AROUNG US LEARNING AREA : 2.0 FINDING OUT ABOUT THINGS THAT FLOAT OR SINK.					
16	2.1 That some things float and some things sink.	2.1.1 Identify things that float or sink.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus	Refer to the curriculum specifications for year 1 science	Float, sink
17		2.2.2 Know that things that sink can be made to float and things that float can be made to sink.				

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SEM 2	LEARNING PART B : LEARNING ABOUT THE WORLD AROUNG US LEARNING AREA : 2.0 FINDING OUT ABOUT LIGHT AND DARK					
18	3.1 About light and dark.	3.1.1 Differentiate light and dark.	**SPS 1** Observing **SPS 2** Classifying **SPS 3** Measuring and using number. **SPS 4** Making inferences. **SPS 5** Predicting **SPS 6** Comunicating	**MS 1** Using and handling science apparatus **MS 2** Maintaning science apparatus correctly. **MS 3** Cleaning science apparatus correctly. **MS 4** Handling specimen correctly and carefully. **MS 5** Sketch specimen and science apparatus	Refer to the curriculum specifications for year 1 science	Light Dark
19		3.1.2 Say that you need light to see.				
20		3.1.3 Explain why they can see the objects clearly although the torch light is switched off.				Torch light Switched on Switched off
21		3.1.4 Say how to make a shadow.				shadow

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