



## SPLIT UP OF SYLLABUS (2017-18)

**GRADE: 2**

Subject: Science

Teacher Name: Simi

M	Unit/Chapter	Concepts/Sub topic	Learning Outcomes	Essential Questions
APRIL	<b>Unit 3: The Human Body and our needs</b> Lesson-5- Our Body	Bones Muscles Posture Other Parts Of The Body	Identify that our body is made up of bones and muscles. Describe the importance of skeleton in our body. Explain the role of different bones in our body. Demonstrate the uses of joints in our body. Recognize the importance of muscles in our body. List out the ways in which we can keep our muscles strong. Demonstrate the uses of sense organs in body. Define posture. Compare and contrast good and bad posture. Discover that the correct posture is important to keep our body healthy. Identify and describe the function of other parts of the body.	What parts of your body do you use to move? Why are bones important? Where are your bones? Are they hard or soft? How do you know? Can you feel any of your bones? Where? What do you think would happen if we didn't have any bones?  Why do we need joints? How can we keep our muscles strong? Why is skeleton important? Why correct posture is important to keep our body healthy? What are the functions of internal organs?
MAY	<b>Unit 3: The Human Body and our needs</b> Lesson-6 Food	Different Kinds Of Food Some Good Eating Habits	Describe the importance of food. Identify and classify different kinds of food. Define balanced diet. Analyse the importance of eating fresh and clean food. Recognise the importance of balanced diet. Discuss good eating habits.	Why do we need food? What are the different kinds of food? What is a balanced diet? Write any three good eating habits



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<b>JUNE</b>	<p><b>Unit 3: The Human Body and our needs</b> Lesson- 7 Safety rules</p>	<p>At Home At school While Playing On the road Inside a vehicle In a swimming Pool When hurt</p>	<p>Recognise the importance of safety rules. List out the safety rules and apply this knowledge at home and in school. List out the safety rules and apply it while playing, on the road, inside a vehicle, and in a swimming pool. Discuss about the measures taken if someone get hurt. Discover the importance of first aid .</p>	<p>Why should we follow safety rules? What are the safety rules to be followed in at home and school? What you should do before crossing the road? Write some safety rules to be followed while playing Why should we wear a rubber tube while swimming? What should you do if someone gets hurt?</p>
<b>SEPTEMBER</b>	<p><b>Unit 3: The Human Body and our needs</b> Lesson 8- Housing and Clothing</p>	<p>Different Types Of Houses Things Houses Are Made Of Clothes</p>	<p>Discuss the importance of houses. Identify different types of houses. Describe different type of roofs. Explore that the houses are made of different materials. Recognise the use of different rooms in our house. Compare and contrast different types of clothes used in different seasons.</p>	<p>What are the different types of houses? What are the different materials used to make houses? Why do we need clothes? Why do we wear different clothes in different seasons?</p>
<b>OCTOBER</b>	<p><b>Unit 1: Plant World</b> Lesson 1 -Plant Life</p>	<p>Types of Plants Where do Plants Live?</p>	<p>Identify and label basic parts of a plant. Describe the function of each part of the plant. List out different types of plants. Identify and classify different types of plants. Compare the features of climbers and creepers. Discover that the plants make their own food. Recognise that the plants can be found both in land and water.</p>	<p>What are the different types of plants? Which type of plant live for many years? Why do some plants need support to grow? How do plants make their own food? Where do plants live?</p>



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Lesson 2 -Uses of Plants	Food From Plants Oil From Plants Coffee,Tea and Sugar From Plants Medicines From Plants Wood From Plants Fibres From Plants Rubber,Gum And Paper From Plants Other Uses Of Plants	Identify different parts of the plant that we eat. List out the food that we get from plants. Explore other uses of plants. Discover the importance of growing plants	How plants are useful to us ? How are trees useful to animals? What are cereals and pulses? What do we get from cotton plant? Write some other uses of plants Name some plants that give us medicine. Which plants are used to make  furniture?
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NOVEMBER	<b>Unit 2:Animal World</b> Lesson-3 Wild animals	Identify Wild Animals Homes Of Wild Animals How do Wild Animals Live? What do Wild Animals Eat? Saving Wild Animals	Identify the different kinds of wild animals. Observe and Identify animals that live on land, water and on trees. Compare and classify the eating habits of wild animals. Discover that some wild animals live in groups. Define endangered animals. Discuss the ways to protect wild animals. Create a booklet of wild animals and write interesting things about wild animals.	Why do animals need shelter? What are herbivores ,carnivores and omnivores? Who are scavengers? Who are endangered animals? Where do wild animals live? How can we protect wild animals?
	Lesson- 4 Domestic animals	Pet Animals Farm Animals Care for Animals	Recognise the young one of animals. Identify domestic animals that live with us. Explore the homes that we build for domestic animals. List out the things that we get from farm animals. Discuss the ways in which we can care wild animals.	What is the difference between pet and farm animals? How farm animals are useful to us? How should we take care of domestic animals?
DECEMBER	<b>Unit 4:our Environment and Our Universe</b> Lesson-9 Air	What Air Contains Fresh Air	Identify different properties of air. Explain and demonstrate the different properties of air. Discover the things that air contains. Discuss the importance of fresh air to stay healthy. List out the ways to reduce air pollution.	What air contains? What does dirty air do? Why should we plant more trees? How does air become harmful?
	Lesson-10 Wind	Wind Breeze Storm	Discover the uses of wind. Identify and differentiate wind, breeze and storm. Discover that air can be useful and harmful.	What are the three things that wind can do? Name few things that move with the help of air. Why are storms harmful?



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<b>JANUARY</b>	<b>Unit 4:our Environment and Our Universe</b> Lesson 11 -Water	Sources Of Water The Water We Can Use Water Supply Save Water	Identify the sources of water. Discuss the importance of clean water. Explain how we get water supply. Describe the ways in which we can save water.	What are the important sources of water? Why do we use water for? Name some ways in which water gets dirty? What are the differernt methods of cleaning water?
	Lesson 12-Forms Of Water	Forms Of Water Water Cycle	Identify different forms of water. Define evaporation and condensation. Explore water cycle as a continuous process.	What are the different forms of water? Where does rain watergo? How are clouds formed? What gives us light at night?
<b>FEBRUARY</b>	<b>Unit 4:our Environment and Our Universe</b> Lesson 13 -Day and night,Light and Shadow	Light Day and Night Shadows	Identify different sources of light. Compare day and night. Define rotation. Discover how day and night are caused. Define shadow. Relate light and shadow.	What would happen if there is no light? How are day and night caused? How is a shadow formed? What gives us light at night?
	<b>Unit 5:Material and matter</b> Lesson-14 Rocks and Minerals	Rocks Hard Rocks Soft Rocks Minerals Gemstones	Identify and classify different types of rocks. Observe the uses of rocks. Identify different types of minerals Discover the different uses of minerals	What is a rock? What is the difference between hard and soft rock? What is a mineral? How minerals are useful ?



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MARCH				
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