

Annual Syllabus
Session: 2022-2023
Class- VI (Level-2)

Subject: SCIENCE

Theme	Content and its mapping with previous classes	Suggestive Learning Outcomes	Suggested Activities
Food	<p><i>Class-V</i> CH-5: Seeds and Seeds</p> <ul style="list-style-type: none"> Seeds used for food and spices. Food items we use in our daily life and countries from where they came from. <p><i>Class-VI</i> CH-2: Components of food</p> <ul style="list-style-type: none"> What do different food items contain? What do various nutrients do for our body? Balanced diet Deficiency disease 	<p>The learners :</p> <ul style="list-style-type: none"> Investigates the Plant and Animal sources of food. Conducts simple investigations to test the presence of carbohydrates, proteins and fats in different food items. Analyzes food items on the basis of nutrients present in them. Applies learning of scientific concepts in day to day life for selecting food for balanced diet. Describe the importance of balanced diet and relates deficiency diseases with lack of nutrients (deficiency diseases). 	<ul style="list-style-type: none"> To identify food items rich in protein, fats and carbohydrates. To test the presence of starch, fats or proteins in the given food items . To study the diseases caused due to the deficiency of various vitamins or minerals <p><i>Class-V</i> ❖ Worksheets no.03, 52,142, 145</p> <p><i>Class-VI</i> ❖ Worksheets no.10-17, 22-25</p>
How Things Work	<p><i>Class-VI</i> CH – 12: Electricity and circuit</p> <ul style="list-style-type: none"> Electric cell A bulb connected to an electric cell An electric circuit Electric switch Electric conductors and insulators. 	<ul style="list-style-type: none"> Explains and draws diagram of open and closed circuit. Define and Identifies conductor and insulator from daily life. 	<ul style="list-style-type: none"> To study open and closed circuit. To identify conductors and insulators from daily life with the help of an electric circuit. <p><i>Class-VI</i> ❖ Worksheets no. 18-21</p>
Natural Phenomenon	<p><i>Class-VI</i> CH – 11: Light Shadows and Reflection</p> <ul style="list-style-type: none"> Transparent, opaque and translucent objects What exactly are shadows? A pinhole camera Mirrors and reflections 	<ul style="list-style-type: none"> Relate process with reason by conducting simple activity to show that light travels in a straight line. Identify and classify transparent, translucent and opaque objects on the basis of the passage of light through them. To differentiate between an image and a shadow. 	<ul style="list-style-type: none"> To study transparent, opaque and translucent objects with examples. To make a model of pin hole camera. <p><i>Class-VI</i> ❖ Worksheets no 32-38</p>

➤ **The above content must be completed by 30th September 2022.**

➤ **Revision of syllabus for Mid Term Examination.**

Note: The above said syllabus is for assessment purpose only and remaining topics/chapters may be taught as Subject Learning Enrichment.

MID TERM EXAMINATION

Theme	Content and its mapping with previous classes	Suggestive Learning Outcomes	Suggested Activities
<p>The World of the Living</p>	<p><i>Class-IV</i> <u>CH- 4: The Story Of Amrita</u></p> <ul style="list-style-type: none"> Plants and animals found in the desert. <p><u>CH- 11: The valley of flowers</u></p> <ul style="list-style-type: none"> Different flowers and their uses Buds blooming into flowers <p><u>CH- 19 : Abdul In The Garden</u></p> <ul style="list-style-type: none"> Roots- Types, functions. <p><i>Class-V</i> <u>CH -05 : Seeds And Seeds</u></p> <ul style="list-style-type: none"> Different types of plants Origin of different plants, Sprouting <p><i>Class-VI</i> <u>CH-7: Getting to know plants</u> Herbs, shrubs and trees</p> <ul style="list-style-type: none"> Stem , Leaf, Root, Flower 	<p>The learner</p> <ul style="list-style-type: none"> Classifies plants into herbs, shrubs and trees. Identifies types of leaf venation in different kinds of leaves. Differentiates between tap and fibrous roots by giving examples. Describes the functions of stem, root and leaf. Identifies different parts of a flower and draw its labeled diagram. 	<ul style="list-style-type: none"> To identify herbs ,shrubs and trees from your school garden. To study the venation in leaves of different plants. <p><i>Class-IV</i> ❖ Worksheets no. 22,27,33,137, 142,145</p> <p><i>Class-V</i> ❖ Worksheets no.140</p> <p><i>Class-VI</i> ❖ Worksheets no. 26-31</p>
<p>The World of the Living</p>	<p><i>Class-IV</i> <u>CH-16 : A Busy Month</u></p> <ul style="list-style-type: none"> Birds, their food, teeth/ beaks, claws, their nests, material used to make the nests. Sensitization towards safety of birds. Habitats of birds <p><i>Class-V</i> <u>CH-01:Super Senses</u></p> <ul style="list-style-type: none"> Eyes and its significance for different organisms.; Nose and its significance for ants, dogs, mosquitoes and silkworm. ;Significance of hearing, sleeping pattern of different animals. Tiger and its features. Protected areas for animals. <p><u>CH-13: A Shelter So High</u></p> <ul style="list-style-type: none"> Cold regions in India Types of shelter in different areas. 	<ul style="list-style-type: none"> Differentiate between living and non living things on the basis of characteristics of life. .Classify the biotic and abiotic component of a habitat. Establish the relationship of plants and animals with their habitats. 	<ul style="list-style-type: none"> Germination of seed. To know about plants and animals found in different surroundings like forests, desert, sea, To study different animals of water and land. <p><i>Class-IV</i> ❖ Worksheets no. 25,39,45,50</p> <p><i>Class-V</i> ❖ Worksheetsno.22,27,30,33, 117</p> <p><i>Class-VI</i> ❖ Worksheets no.39-46</p>

	<ul style="list-style-type: none"> • Things that vary from place to place like : Food habits. Living conditions. Climate. Clothes. Language etc. <p><i>Class-VI</i> <u>CH – 9: Living organisms and their surroundings</u></p> <ul style="list-style-type: none"> • Organisms and the surroundings where they live • Habitat and adaptation • A journey through different habitats • Characteristics of the living beings 		
<p>➤ The whole syllabus must be completed by 31 January, 2023. ; ➤ Annual examination will be based on whole syllabus. ➤ Revision of syllabus for Annual Examination. <i>Note: The above said syllabus is for assessment purpose only and remaining topics/chapters may be taught as Subject Learning Enrichment.</i></p>			
<p>ANNUAL EXAMINATION</p>			