

VIDYA PRATISHTHAN'S NEW BAL VIKAS MANDIR, PIMPLI-BARAMATI
Annual Curriculum Plan of Science - 2023-2024

Std: VI A, B & C

Month	Topic	Learning Outcomes	Subject Enrichment Activity
April	Chapter No. 3 Components of Food	Students are able to: i. List the sources of carbohydrates, proteins, fats, vitamins and minerals. ii. understand the function of various nutrients in our body. iii. identify the deficiency diseases and their symptoms. iv. predict the food items to be consumed to prevent or cure a particular deficiency diseases. v. apply the knowledge and understanding in taking a balanced diet. vi. understand how to avoid consumption of excessive food rich in fats.	Activity : Students will make a diet chart for a week.
	Chapter No. 4. Sorting Materials into Groups	Students are able to: i. understand the properties of material. Lustre, Hardness, Solubility, Miscibility. ii. understand that objects float or sink in water. recall the concept of transparent, translucent and opaque objects.	Activity: Memory Game

<p>June</p>	<p>Chapter No. 5. Separation of Substances</p>	<p>Students are able to:</p> <ul style="list-style-type: none"> i. state the need for separation of mixtures. ii. list and describe the different methods such as Hand picking, Threshing, Sieving to separate components of mixture used in our day to day life. iii. learn the concept of sedimentation, decantation and Filtration. 	<p>Lab activity: Students will perform an experiment to check the solubility of different solids in water.</p> <p>Lab activity: 1. Students will perform an experiment to separate a mixture of clay and water by filtration and mixture of oil and water using a separating funnel.</p> <p>2. Students will prepare a saturated solution of salt.</p>
<p>First Unit Test June ,23</p>			
<p>July</p>	<p>Chapter No. 8 Body Movements</p>	<p>Students are able to:</p> <ul style="list-style-type: none"> i. identify the major joints of body and their location. iii. understand the structure and function of the human skeletal system. iv. explain the mechanism of movement caused by bones and muscles. vi. understand the mechanism of movement in Earthworm, Cockroach, Snake, Snail, Birds and Fishes. 	<p>Experiential Learning Activity: Try to move the various parts of your body and record their movements in given table. (Textbook pg.no.67)</p>
<p>August</p>	<p>Chapter No. 10 Motion and Measurement of Distances</p>	<p>Students are able to:</p> <ul style="list-style-type: none"> i. explain the importance of measuring things. ii. know standard units of measurement. iii. learn to measure the length of a curved line. iv. understand the concept of motion and its types, identify different types of motion. 	<p>Experiential Learning Activity : Student will measure the length and breadth of different things in home for eg.TV, Dining table etc)</p>
<p>September</p>	<p>Chapter No. 9 The Living Organisms and their Surroundings</p>	<p>Students are able to:</p> <ul style="list-style-type: none"> i. differentiate between biotic and abiotic components. ii. Understand the terrestrial habitat such as Deserts, Mountain regions and Grassland region as well as aquatic habitat such as Oceans, Ponds and lakes. iii. explain the characteristics of living organisms. iv. explain the term excretion and reproduction. 	<p>Educational Video</p>

First Terminal Examination September (2023)

October	Chapter No. 7 Getting to Know Plants	Students are able to: i. identify the parts of plants. ii. categorize plants into herbs, shrubs, trees, creepers and climbers. iii. explain the structure and function of leaves, roots and flowers. iv. explain the concepts of transpiration and photosynthesis.	Experiential Learning Activity Nature walk
November	Chapter No. 11 Light, Shadows and Reflections	Students are able to: i. know luminous and non-luminous objects. ii. Understand the basic properties of transparent, translucent and opaque objects. iii. understand the principle of shadow formation. iv. learn the properties of light. v. learn the method to make pinhole camera and discuss its working. vi. understand the concept of reflection of light by a mirror.	Experiential Learning Activity: Students will make a Pinhole Camera using a cardboard box and butter paper and observe distant objects.
December	Chapter No 15. Air Around Us	Students are able to: i. list the components of air and their percentages. ii. to realize that air is present in water and soil and state its importance.	Experiential Learning Activity: Students will collect the information about causes of air pollution, their sources

Second Unit Test, January 2024

January	Chapter No. 12 Electricity and Circuits	Students are able to: i. know the working of an electric cell. ii. learn and draw the inside view of a bulb. iii. understand the concepts about electric circuits and its components. iv. learn the internal structure of a torch, differentiate between a conductor and an insulator.	Students will study and observe the domestic light bill and paste it in the notebook.
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February	Chapter No. 13 Fun With Magnets	Students are able to: i. know how Natural Magnet was discovered. ii. differentiate between magnetic and non-magnetic substances. iii. know the properties of magnets. iv. explain the use of magnet to find direction. v. understand working of a magnetic compass. vi. demonstrate the concept of attraction and repulsion	Lab activity: Effect of magnet - a paper clip hanging in air
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MARCH: Revision
Second Terminal Examination, March 2024

