

Cambridge International School, Mohal, Kullu
Curriculum – 2020-21
CLASS – VI
Science
First Quarter

	March	April	May	June
Content	<p>*Food and Components of food. *Fibre to Fabric. *Sorting Materials into Groups</p>	<p>*Separation of substances. *Body Movements..</p>	<p>*Getting to Know Plants. **The Living Organisms and Their Surroundings</p>	<p>*Changes Around Us. *Water</p>
Outcomes	<ul style="list-style-type: none"> • To investigate and observe the food components in the given food sample. • To understand the causes and symptoms of deficiency diseases with the concept of balanced diet • To classify animals based on their eating habits. <p>Activity : * Investigation of food items: Students will investigate about the food items and their sources from their lunch box. * Search work/ Explore : students will record and make charts describing their diet over a week * Lab Activity : Testing the presence of nutrients in food * PPT : Deficiency Diseases * Video Demonstration Assessment: Pen – paper test, Concept map ,PPT, HOTS , reasoning questions, Flow Charts, and Value Based Questions</p> <p>-Familiarize with the process of making cloth. -Classification of fibers. Activity: *Field Trip/ Explore : Visit to a factory</p> <p>*Class Activity: Practicing Weaving Patterns using cut paper strips.</p> <p>*Video Demonstration</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Report, and Value Based Questions</p> <p>-To analyze the importance of different category of materials. -Categorize the substances according to their properties with the concept of floating and sinking. Activity: *Class activities : * Lab activities :</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Quiz and Value Based Questions</p>	<p>-To enlist various methods of separation of substances. -To demonstrate methods to differentiate the components of a complex mixture. -To generalize various physical processes in separation. Activity: *Class activities *Lab activities</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, and Value Based Questions</p> <p>- To observe and study the human skeleton. -To classify and analyze the functioning of different types of joints. -To discuss and observe the movements in various animals. Activity: *Torso study *Lab activity</p> <p>*Observation/ Discussions : Fact file of questions</p> <p>* Model making</p> <p>* Integration with Dance and Sports : describing body postures through exercises and dance steps</p> <p>. Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Quiz and Value Based Questions , Flow chart, Models</p>	<p>-Classification of plants. -To investigate various parts of the plants. (Leaves, stem, flower, fruit etc.) Activity : *Survey: To collect information about the given plants from the garden. * Lab activities *Class activities Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Flow chart ,and Value Based Questions</p> <p>-To differentiate and classify organisms on the basis of their habitat. -Understands the relationship between biotic and abiotic components. -Analyzes the adaptive features of various animals. Activity: *Lab activity * Fact file/ Questionnaire</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Quiz, File Report and Value Based Questions</p>	<p>*To interpret the concept of change. -Enlist various types of changes eg. Reversible and irreversible changes, physical and chemical changes, desirable and non desirable changes, periodic and non-periodic changes etc. -Analyzing different types of changes in our surroundings Activity : *Class / Lab activity Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, and Value Based Questions</p> <p>- Creates awareness about methods of conservation of water.</p> <p>- Discusses and explains scientifically the concept of water cycle , rain and effects of rain.</p> <p>Activity : *Class activities Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Quiz and Value Based Questions</p>
	<p>Notebook Maintenance (C.W./H.W) Main Book: NCERT</p>			

Second Quarter

	July/August	September	October/November	November
<i>Content</i>	*Motion and Measurement of Distances *Light , Shadow and Reflections	*Electricity and Circuits. * Garbage in Garbage out	*Fun with magnets *Air Around Us	Revision of Syllabus
Outcomes	<p>- Compares and measures the distance by ancient and modern methods. - Observes and generalizes different types of motion in surroundings.</p> <p>Activity: *Class activities *Lab activity</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Quiz and Value Based Questions</p> <p>- Understands the characteristics of light. - Classification of objects to observe shadow formation. - Comprehends the phenomenon of reflection.</p> <p>Activity : *Class activity</p> <p>*Lab activity</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, and Value Based Questions</p>	<p>Understands electric current and their sources. - Assembles a circuit. - Differentiates open and closed circuit in relation to conductors and insulators.</p> <p>Activity: *Class / Lab activities</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Quiz and Value Based Questions</p> <p>*Discusses the methods to minimize and manage garbage. - Observes and brief about Vermicomposting, Landfills and Recycling</p> <p>Activity : *Best out of waste</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Report/ models, Quiz and Value Based Questions</p>	<p>- Distinguishing between magnetic and non-magnetic materials - Understands characteristics of magnets. - Applications of magnets in daily life.</p> <p>Activity: *Research work: To prepare a report about application of , magnets in daily life .</p> <p>* Lab / Class activities Assessment: Pen – paper test, Concept map , HOTS , reasoning questions, Report and Value Based Questions</p> <p>- Discusses the variations in Composition of Air.</p> <p>- Enlists the properties of Air.</p> <p>Activity: *Lab activities</p> <p>Assessment: Pen – paper test, Concept map , HOTS , reasoning questions.</p>	
	<p>Notebook Maintenance (C.W./H.W) Main Book: NCERT</p>			