

**Cambridge International School, Mohal, Kullu**  
**Environmental Studies-IV**  
**First Term -2020-21**

|                           | <b>March</b>                                                                                                                                                                                                                                                                                                                           | <b>April</b>                                                                                                                                                                                                                                                                                            | <b>May</b>                                                                                                                                                                                                                                                                                                                   | <b>June/July</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Content</b>            | -Plant Life (SC)<br>-My Family(SST)                                                                                                                                                                                                                                                                                                    | - Leisure Time(SST)<br>-Plants and Their Surroundings(SC)                                                                                                                                                                                                                                               | -People at work(SST)<br>-The Earth(SC)                                                                                                                                                                                                                                                                                       | - Houses now and then(SST)<br><br>The Human Body                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Learning out comes</b> | -Students will be able to:<br><br>-Identifies the various parts of leaf<br>-Describes the process of making food in plants. (Photosynthesis).<br>-Explains the interdependence of plants and animals.<br><br>-Explore the term family and its importance in our life.<br>- Co-relates the types of family and their various relations. | -Students will be able to:<br><br>-Recognizes the term Leisure and its need.<br><br>-Classifies the different leisure time activities.<br><br>- Recognizes the types of plants- Terrestrial plants and aquatic plants.<br><br>- Analyses the different features of plants suitable to their adaptation. | -Students will be able to:<br><br>-Observes the different types of jobs.<br><br>-Shows sensitivity for dignity of labour..<br><br>-Explains the different layers of the Earth<br><br>- Describes the role of rotation and revolution in formation of days and nights and seasons.<br><br>-Differentiates types of volcanoes. | -Students will be able to:<br><br>-Familiar with how early humans lived.<br><br>- Differentiates the different types of houses<br><br>-Identifies the various components of food and their functions.<br><br>-Explains the importance of Balance Diet in our day to day life.<br><br>-Classifies the microbes as friend and foe.                                                                                                                                                                                                    |
| <b>Activities</b>         | - Students were asked to keep one potted plant in a dark room for 4 or 5 days,observe it and compare it with plants which are in the garden.They will be asked to note down their observation and importance of sunlight for the process of photosynthesis discussed in class.<br><br>-Create a family tree                            | - My Leisure time activities(Video presentation)<br><br>-Students were asked to collect the pictures of different types of plants ,arrange them and paste according to their habitat.                                                                                                                   | --Types of occupations- Search work.<br><br>-Students were asked to observe rotation and Revolution By Using objects like Balls and pencils.<br><br>-Students will be shown the video of layers of earth during the online class and thn different layers of earth discussed in class .<br>-                                 | -Create different houses with waste materials(Igloo, kuccha and pucca house<br><br>-Students were asked to make a birthday invitation card and a healthy menu for a party. They will be asked to mention nutrients of their food items in the menu.<br>-Students were asked to keep moist bread pieces in a humid and warm place at their home and observe it after 2 or 3 days. They had seen cotton like outgrowth over that bread piece and showed it in class, then role of microbes in our daily life discussed with children. |
| <b>Assessment</b>         | <b>-On line test</b><br><b>- Note Book Evaluation</b><br><b>-Search work(Types of occupations)</b><br><b>-Chart making</b><br><b>-Online Multiple assessment</b><br><b>Links-:<a href="https://youtu.be/YkeIkmzYSz4">https://youtu.be/YkeIkmzYSz4</a></b><br><b><a href="http://bit.ly/2KblmVd">http://bit.ly/2KblmVd</a></b>          |                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Environmental Studies-IV**  
**Final Term- 2020-21**

|                           | July/August                                                                                                                                                                                                                                                                                                                                                       | September                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | October                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | November                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Content</b>            | -Our Rich heritage(SST)<br>(Art integrated project-Ek Bharat Shreshtha Bharat Programme)<br>-Teeth and The Digestive System.                                                                                                                                                                                                                                      | Travel and Communication(SST)<br><br>-Force Work and Energy(Sc)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -Maps and Globe(SST)<br><br>- Animal Life(SC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -Weather Changes(SST)<br><br>- Solid, Liquid and Gases(SC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Learning out comes</b> | -Students will be able to:<br><br>-Describes the term heritage.<br><br>-Demonstrates the varied cultural practices of the people.<br><br>-Identifies the different cultures of India.<br><br>-Identifies the types and structure of teeth<br><br>-Describes the process of the digestive system, its components and their role.                                   | -Students will be able to:<br><br>-Trace the history of early mode of transportation .<br><br>-Find out the animals which early man used to travel.<br><br>-Familiarize the different mode of transport over land.<br>-Enlist the types of forces.<br><br>- differentiate between types of energy.<br><br>-Analyse work in the terms of science.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -Students will be able to:<br><br>- Analyses the difference between globe and maps with their uses.<br><br>_ Understands the terms axis, latitudes and longitudes, poles, prime meridian and equator.<br><br>-Identifies animals according to their habitat (Terrestrial animals, aquatic animals, arboreal animals, aerial animals).<br><br>-Analyses the different features of animals suitable to their adaptation.<br><br>-Classifies animals according to their eating habits (herbivores, carnivores, omnivores, scavengers, parasites). | -Students will be able to:<br><br>-Differentiate Weather and Climate with causes.<br><br>-Analyses evaporation and condensation.<br><br>-Classify the objects into different states of matter.<br><br>-Identify the interchanging of the states of matter.<br><br>- Explain the terms solute, solvent and solution.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Activities</b>         | Students will be asked to draw organs of the digestive system on a sheet of paper,then cut and Paste them on a chart paper in sequence. They will be asked to write their function.<br>Students will be asked to show the function of types of teeth with the help of eatable like cake or biscuits<br><br>Online cultural performance of Kerala (Dance or Music) | -Students will be asked to perform various activities like kicking the ball,push or pull the chair,clay moulding playing with a magnetic toy ,throwing a ball,rubbing a balloon and bringing it near to hair ,hair stand on edge.teacher will give five minutes for the activities during the online class. Then the teacher will discuss all the activities and term force and its types will be discussed with the children.<br><br>-Students will be make paper windmill in the online class along with teacher and students will be asked to run in a room with windmill and observe it.After that children will be asked to enlist object they observe at their home or in neighbourhood that use sunlight(expected answer-torch,solar panel and solar geyser. and there will be wind and solar energy discussed in class.<br>-Video of a hydropower plant will be shown to students and asked ,if anyone of them visited such a plant,then use of water energy will be discussed with children.<br><br>-Children will be given situation :<br>Rahul is sitting on a chair and reading his science book ,on other hand his brother Raman helping his father to keep boxes in a storeroom..Then the teacher will ask children to tell in which case work is said to be done..Students will give various answers, In this way concept of work in terms of science will be introduced in class by the teacher.<br><br>-Show and tell_<br>Any favourite communication device or mode of transport | -Globe and map reading.<br><br>-Mapping your way from happy home to school<br><br>-Students will be asked to get pictures of animals living in different habitats and make a collage showing animals of particular habitat during the online class.<br>-Students will be asked to give pictorial representation of the food chain.                                                                                                                                                                                                             | -Weather study<br><br>-Picture Analysis<br><br>-Making Lemonade.<br>Students will make lemonade in the online class and terms solute ,solvent and solution will be explained to children.<br><br>-To observe interchanging of three states of matter .Students will take ice observe it until it change into water, then with the help of their mother they will boil it in a pan,observe the steam coming out from it....after that they will cover the pan with the lid ....cool it and again observe it, again put that lid in a freezer, observe it after some time....and see that ice is back...in this way they will analyze the inter changing states in a matter....teacher Will also discuss the various processes involved in it....<br><br>- |
| <b>Assessment</b>         | Test through Google Forms(5)<br>Work submitted online Evaluation(5)<br>Multiple Assessment (5)<br>Art integrated Kerala project-Ek Bharat Shreshtha Bharat Programme(5)<br><br>● Diksha app has been taken into consideration.                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |