

APPENDIX X

Area	Competency class III	Competency class IV	Teacher's activity	Students activity	Evaluation
Our body	7.3.1 To develop an understanding regarding the functions of important systems of human body. This competency was further subdivided as follows. 7.3.1.1 Students states different parts of the human body 7.3.1.2 Students describes different parts of human body 7.3.1.3 Students states different system of human body 7.3.1.4 Students describes different systems of human body		- Questioning Technique was employed in order to explain about the functions of the different parts of human body (Recapitulation) - TLM were used as a teaching aid especially chart on respiratory and digestive system and working model on blood circulation. - Games like fire on the mountain run-run-run - Activity like the door and windows of the room were closed and ask students to experience - Burning rubber tube in a classroom and lightening agarbatti. - Questioning Technique will be employed for e.g. What did you eat today ? – with the help of objects/ chart / poster	- Students identified and recalled the different parts of human body. - Game : students played snake and ladder game on cleanliness. - Students observed and understood the chart and working model on blood circulation - Students played the game and understood the respiratory system - Students experienced and narrated their experience - Students experienced and identified pleasant and unpleasant feelings.	- Our body divided into how many parts ? - Name the different parts of body - Which are the important systems of human body ? - State the function of respiratory system - State the function of digestive system - State the function of blood circulation.

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Our food		7.4.1 Student understands the factors contributing to the preservation of good health 7.4.2 Students states various types of diet. 7.4.2.1 Students explain the functions of food in physical growth 7.4.3 Students explain the importance of food and nutrition. 7.4.3.1 Students explain about balanced diet. 7.4.4 Students explain about the contamination of food and water 7.4.4.1 Students describes about different methods of purifying water 7.4.4.2 Students state about the unhygienic conditions	- Activity : Teacher asked students to bring any vegetable/ fruit / cereal / pulses from their home - Teacher explained the importance of diet during recess (Mid day meal) [Along with MDM, teacher organized picnic and prepared a balanced diet] - Moreover importance of different nutrition was explained through role play and ed. Film. - Teacher made students experience about different taste	- Students answered the question - Students observed, felt and understood the object. - Student participated and identified different fruits / vegetables / pulses / cereals / milk and milk product - Student helped teacher in preparing balanced diet.	- Which are the various types of diet ? - State the different functions of food. - What is balanced diet ? - State the importance of balanced diet. - What is the role of protein in a physical growth? - Which food contains carbohydrates ? - On what part of your tongue experienced sweet, sour, bitter and salty taste ? - Which taste was the best ?

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Air	10.3.2 Students explain importance of air and its use in our life 10.3.3 Students explain about the Air pollution	10.4.5 To know about weather phenomena 10.4.6 To know how air and weather are related	- The concept of Air and its importance was taught with the help of game while explaining respiratory - Prepared parachute - Importance of Air was explained through experiment.	Students participated and related air and respiratory system	- What is the importance of Air in our life ? - Where can we experience pure Air ?
Water and life	10.3.4 Students explain the importance of water 10.3.5 Students lists the different sources of water 10.3.6 Students explain about water pollution.	10.4.7 To know about different forms of water affecting weather, e.g. humidity, fog, cloud and snow.	- Story of importance of water. - Rhyme on Air and Water.	- Students listened and understood the importance of water in one's life. - Students participated	- How water is useful ? For what all purpose we make use of water? - Who all needs water ? - Which places water can be located ? - From where do you get water ? - How we can save water ?

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Air and water pollution	10.3.7 Students find out the causes of Air pollution. 10.3.7 Students find out the causes of water pollution.		- Different activities - Burnt Garbage - Burnt Rubber etc. - Visited to city and how vehicles lead to Air pollution and also visited to nearby factory. - Flash cards were used to explain Air pollution and water pollution.	- Students participated and experienced - Students visited city and experienced the air pollution.	- What are the causes of Air pollution ? - What are the causes for water pollution ?
Weather		10.4.5 Students tell about weather phenomena. 10.4.6 Students explain about air and weather relationship 10.4.7 Students states different forms of water affecting weather, e.g. humidity, fog, cloud, and snow. 10.4.8 Students observe various weather phenomena and record them with pictographs.	- Role play was conducted where, teacher divided the whole group into three main seasons. - A chart was developed on different weather - Room temperature was kept in the room	- Students recalled their feelings for the particular weather. - Students marked on the chart	- How does rainfall occur ? - In which month do we experience cold and hot ?

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Land		10.4.9 Soils in our life. 10.4.10 To know about usefulness of soils. 10.4.11 To classify the soils of the locality according to sizes of its particles and fertility. 10.4.12 To explain how soil can be kept fertile.	- Teacher asked students to collect the soil from different places and with the help of different samples of the soil students was asked to differentiate. - Experiment was conducted through which students understood the components in soil.	Students collected different soil from different places and understood different soils with respect to their colour and fertility.	- Which soil is good for making earthen pot ? - Which soil will percolate maximum water?
Agricultural : tools and implements		3.4.1 Student recognises different agricultural tools and implements	- Demonstrated - Took students for field visit	Listened and observed	- Identify the tools. - What is the use of plough ? - What is thrasher?