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Areas	Class I	Class II	Class III	Class IV	Class V
			7.3.1. Understands important functions of human body, such as digestion, respiration, blood circulation, etc. 7.3.2. Knows how to take proper care of such parts of the body as eyes, hair and teeth	7.4.1. Classifies food stuffs according to nutritive functions and understands the need of balanced diet 7.4.2. Knows how food and drinking water get contaminated (Extension of 10.3.14) 7.4.3. Conducts simple experiments to purify drinking water 7.4.4. Relates unhygienic conditions with the spread of diseases	7.5.1. Knows about major sources of diseases 7.5.2. Understands the usefulness of vaccination to prevent communicable diseases 7.5.3. Suggests ways of collecting and disposing of garbage 7.5.4. Applies simple first-aid skills 7.5.5. Reads thermometer to know body temperature 7.5.6. Participates in child-to-child programme to save life of ailing infants, e.g. from diarrhoea

Areas	Class I	Class II	Class III	Class IV	Class V
3	The pupil develops skill in gathering and classifying information about living things from one's environment and drawing simple inferences		8.3. Living things their characteristics and classification 8.3.1. Observes local surrounding and classifies things into (i) living and non-living, (ii) natural and man-made	8.4. Living things: their usefulness to man 8.4.1. Identifies some important ways of using plants and animals	8.5 living things and environment 8.5.1. Gives examples that animals and plants adapts themselves to environment

8.3.2. Understand similarities and differences between animals and plants

8.4.2. Identifies some harmful insects and weeds

8.5.2. Visualizes present and possible future harmful effects from diminishing forest cover, soil erosion and pollution (extension of 10.4.10)

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Areas	Class I	Class II	Class III	Class IV	Class V
9. The pupil observes and examines some common characteristics of non-living things			<p>8.3.3. Identifies main parts of a plant</p> <p>8.3.4. Classifies common plants on the basis of size, life span and seasonality</p> <p>8.3.5. Observes food habits of different animals and birds</p> <p>9.3. Common materials and their properties</p>	<p>8.4.3. Examines the need of caring and protecting animals and plants, and describes simple ways of doing so</p> <p>8.4.4. Names the national bird, animal and flower (also state animal, birds, etc. as applicable)</p> <p>8.4.5. Takes part in tree-plantation programmes of the locality and appreciates their importance</p> <p>9.4. Materials (matter) and their properties</p>	<p>8.5.3. Knows the present schemes (a few) to increase and improve forest cover, cleaning rivers, tanks and such others, e.g. the Ganga</p> <p>9.5. Energy and work</p>

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10. The pupil observes simple phenomena on die earth			<p>9.3. 1. Identifies common materials on the basis of some easily observable properties, e.g. colour, texture and hardness</p> <p>9.3.2. Classifies given materials according to these properties</p> <p>10.3. The earth and the sun</p>	<p>9.4.1. Knows the three states of matter-solid, liquid and gaseous</p> <p>9.4.2. Observes the three states of matter in respect of water</p> <p>9.4.3. Generalizes about inter-changeability of these stages</p> <p>10.4. The earth and the sky</p>	<p>9-5.1. Knows important sources of energy used in daily life</p> <p>9.5.2. Understands how energy helps in doing a work</p> <p>10.5. Man, science and environment</p>

and in the sky and draws inferences

10.3.1. Earth-sun relation and consequences

10.4.1. Heavenly bodies

10.5.1. Appreciates the importance of science in our daily life

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Areas	Class I	Class II	Class III	Class IV	Class V
			<p>10.3.2. Describes the shape of the earth (evidence of photograph)</p> <p>10.3.3. Relates occurrence of day and night to the rotation of the earth</p> <p>10.3.4. Observes differences in the duration of day-light over the year</p> <p>10.3.5. Generalizes about the occurrence of seasons</p> <p>10.3.6. Observes consequences of the occurrence of seasons (some instances)</p> <p>10.3.7. Air in our life</p>	<p>10.4.2. Knows difference between sun, earth and moon (simple observable facts)</p> <p>10.4.3. Recognizes pole star and Great Bear (Saptrishi) and uses them for finding direction at night</p> <p>10.4.4. Observes phases of the moon</p> <p>10.4.5. Weather phenomena</p>	<p>10.5.1. Describes some outstanding achievements of science (discoveries and inventions)</p>

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			<p>10.3.8. Explains the usefulness of air</p> <p>10.3.9. Knows how air gets polluted</p> <p>10.3.10. Water in our life</p>	<p>10.4.6. Knows how air and weather are related (certain weather phenomena)</p> <p>10.4.7. Knows about different forms of water affecting weather, e.g. humidity, fog, cloud, hail and snow</p> <p>10.4.8. Observes various weather phenomena and records them with pictographs</p> <p>10.4.9. Soils in our life</p>	<p>10.5.2. Knows about dangers from the misuse of</p>

scientific knowledge, e.g.
in war

10.3.1 1. Describes
different uses of water
10.3.12. Knows about
different sources
of water

10.3.13. Locates
various sources
of water in the locality

10.4.10. Knows about
usefulness of soils
10.4.11. Classifies
soils of the locality
according to sizes of its
particles and fertility
10.4.12. Finds out how
soil is kept fertile

