



CLASS - V

CYCLE - 2<sup>ND</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Food & Digestion.
<b>CONCEPT &amp; SKILLS</b>	Food & its components. Digestion & Digestive system. Levels of organisation. Importance of glucose. Skill:Table manners.
<b>LEARNING OUTCOMES</b>	Food & its components. Digestion & Digestive system. Levels of organisation. Importance of glucose.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	AV aid. Model of digestive system. Denture.
<b>PEDAGOGY</b>	Discussion method. Explanation method. CAL.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Diet chart
<b>ASSESSMENT</b>	Formative assessment . Summative assessment.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Food & its components. Digestion & digestive system. Levels of organisation. Importance of glucose.



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<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Health & Diseases.
<b>CONCEPT &amp; SKILLS</b>	Health. Importance of balanced diet. Diseases & their classification. Vaccination & its importance. Skill: Proper ways of preventing spread of diseases
<b>LEARNING OUTCOMES</b>	Health. Importance of balanced diet. Diseases & their classification. Vaccination & its importance.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Microscopic study of polluted/infected water sample. Power point presentation of Safety & First aid.
<b>PEDAGOGY</b>	Discussion method. Explanation method. Comparative study of communicable/non communicable diseases. CAL.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Make an immunization card.
<b>ASSESSMENT</b>	Formative assessment.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Health. Importance of balanced diet. Diseases & their classification. Vaccination & its importance.

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CYCLE - 2<sup>ND</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Blow Hot & Cold.
<b>CONCEPT &amp; SKILLS</b>	Breathing & its importance. Respiration & its mechanism. Respiratory system. Importance of nasal hair while breathing. Concept of sneezing.
<b>LEARNING OUTCOMES</b>	Breathing & its importance. Respiration & its mechanism. Respiratory system. Importance of nasal hair while breathing. Concept of sneezing.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	AV aid. Model of respiratory system.
<b>PEDAGOGY</b>	Discussion method. Explanation method. CAL.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Label different parts of respiratory system.
<b>ASSESSMENT</b>	Formative assessment. Summative assessment.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Breathing & its importance. Respiration & its mechanism. Respiratory system. Importance of nasal hair while breathing. Concept of sneezing.

CLASS – V

CYCLE - 2<sup>ND</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Fuels for Vehicles.
<b>CONCEPT &amp; SKILLS</b>	Concept & Classification of Resources. Concept of fuels & fossil fuels. Formation of coal & petroleum. Fractional distillation. Conservation of fuels.
<b>LEARNING OUTCOMES</b>	Concept & Classification of Resources. Concept of fuels & fossil fuels. Formation of coal & petroleum. Fractional distillation. Conservation of fuels.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Samples of fuels.
<b>PEDAGOGY</b>	Discussion method. Explanation method.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Different Zones present in a flame. Importance of oxygen for combustion.
<b>ASSESSMENT</b>	Formative assessment.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Concept & Classification of Resources. Concept of fuels & fossil fuels. Formation of coal & petroleum. Fractional distillation. Conservation of fuels.

CLASS – V

CYCLE - 2<sup>ND</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Our Likes & Dislikes.
<b>CONCEPT &amp; SKILLS</b>	Sense Organs. Special People. Nervous system.
<b>LEARNING OUTCOMES</b>	Sense Organs. Special People. Nervous system.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Visit to special school. Model of nervous system. AV aid.
<b>PEDAGOGY</b>	Discussion method. Explanation method. Learning by demonstration. Comparative study of different types of nerves. CAL.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Make a model of neuron.
<b>ASSESSMENT</b>	Summative assessment.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Sense Organs. Special People. Nervous system.

CLASS – V

 CYCLE - 2<sup>ND</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Save Wildlife.
<b>CONCEPT &amp; SKILLS</b>	Concept of Wildlife. Concept of endangered, endemic & extinct species with special reference to J&K. Conservation of Wildlife.
<b>LEARNING OUTCOMES</b>	Concept of Wildlife. Concept of endangered, endemic & extinct species with special reference to J&K. Conservation of Wildlife.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Visit to Dachigam National Park.
<b>PEDAGOGY</b>	Discussion method. Explanation method.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Report making of the visit.
<b>ASSESSMENT</b>	Summative assessment
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Concept of Wildlife. Concept of endangered, endemic & extinct species with special reference to J&K. Conservation of Wildlife.

CLASS – V

 CYCLE - 2<sup>ND</sup>

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Rocks & Minerals.
<b>CONCEPT &amp; SKILLS</b>	Concept & classification of rocks. Concept of Minerals. Weathering of rocks. Formation of soil. Conservation of soil. Soil Profile.
<b>LEARNING OUTCOMES</b>	Concept & classification of rocks. Concept of Minerals. Weathering of rocks. Formation of soil. Conservation of soil. Soil Profile.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Av aid. Samples of rocks.
<b>PEDAGOGY</b>	Discussion method. Explanation method. CAL.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	To show different layers of soil(Soil profile).
<b>ASSESSMENT</b>	Summative assessment.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Concept & classification of rocks. Concept of Minerals. Weathering of rocks. Formation of soil. Conservation of soil. Soil Profile.