



CLASS - V

CYCLE - 2ND

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



CLASS – V

CYCLE - 2ND

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

CLASS – V

CYCLE - 2ND

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

CLASS – V

CYCLE - 2ND

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

CLASS – V

CYCLE - 2ND

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

CLASS – V

 CYCLE - 2ND

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



CLASS – V

CYCLE - 2ND

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