

ARMY PUBLIC SCHOOL GOPALPUR
SESSION (2020-2021)

CLASS: VII

SUBJECT: SCIENCE

TERM-I (APRIL TO SEPTEMBER)

| MONTH | UNIT\LESSON\TOPICS | MODES OF ASSESSMENT | COMPETENCIES\SKILLS \ CONCEPTS TO BE ASSESSED | SUGGESTED VALUE POINTS |
|--------------|---|--|--|---|
| APRIL , 2020 | 1)Nutrition in plants 2)Nutrition in animals | 1)Cross word puzzle 2) Collection of leaves of various colours 3)Work sheet 4)Group activity- Effect of saliva on starch. | *Inquisitiveness , recall correlate , mental alertness. *Observation , analyse , organise . *Individual activity. *Active participation , observation , critical thinking. | Logical and rational thinking. Identification, Knowledge. Application concept. Spirit of enquiry , critical thinking. |
| JUNE 2020 | 3)Fibre to fabric 4)Heat | 1)Group discussion on life history of silk worm 2)Collection of conductors and insulators. 3)Project work | *Active participation , team spirit , socialization. *Analyse, organise, Generalization. Analytical skill, interpretation, drawing conclusion. | Team spirit. Observation , analysing. Logical and rational thinking, originality, creativity, Understanding of concept, presentation. |
| JULY 2020 | 5)Acids, bases and salts. 6)Physical and chemical changes. | 1)Lab activities 2)Quiz 3)To prepare greeting card by using a natural indicator turmeric. 4)Puzzle 5)Symposium on the types of fuels used for cooking. 6)oral test. | Active participation , presentation . Participation and coordination thinking skills , time management. *Creativity , critical thinking , correlating with real life , self – confidence *Inquisitiveness , recall , correlate , mental alertness. *Fluent presentation with appropriate gestures , confidence *Recall , define and reason. | Analytical skill. Logical thinking. Understanding , identification Reasoning Presentation Inquisitiveness |

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| | | | FORMATIVE ASSESSMENT-I | |
| AUGUST 2020 | 7) weather , climate And adaptations of animals to climate. 8)Winds , storms and cyclones | 1)Multiple choice questions. 2)Oral test 3)Drawing 4)Seminar 5)written assignment.(Note book assessment for FA-II). | *Sprit of enquiry, assertive, active participation. *Recall, define and reason. *Drawing skills *Acquisition of content knowledge , verbal expression , leader ship quality. *Classwork \ Home work. Maintenance and checking. | Conceptualization. Inquisitiveness Neatness Knowledge Regularity , neatness . |
| SEPTEMBER 2020 | Revision for Summative assessment -1 | | Individual written test based on knowledge , reasoning , application and skills. | |

TERM-II (OCT.2020-MAR. 2021)

| MONTH | UNIT\LESSON\TOPICS | MODES OF ASSESSMENT | COMPETENCIES\SKILLS\ CONCEPTS TO BE ASSESSED | SUGGESTED VALUE POINTS |
|---------------|---|---|---|---|
| OCTOBER 2020 | 9)Soil 10)Respiration in organisms. | 1)Cross word puzzle 2)Oral test 3)Work sheet 4)Data collection on breathing rate of children and adults. | *Recall , correlate , mental alertness , inquisitiveness. *Recall , define and reason. *Analysing , critical thinking , recall , recollect. *Originality,observation , innovative , analyse. | Reasoning Inquisitiveness Application concept *Accuracy And precision. |
| NOVEMBER 2020 | 11)Transportation in animals and plants. 12)Reproduction in plants | 1)Individual activity to record pulse in the wrist 2)Group discussion 3)MCQ | *Analyse , interpret , draw conclusion , conceptualization , collaborative skill. *Active participation , team spirit, assertive. *Sprit of enquiry , assertive , active | Collaborative skills Team spirit Conceptualization |

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| | | 4)Quiz | participation. Critical thinking , collaborative skills , time management. | Logical thinking |
| DECEMBER 2020 | 13)Motion and time 14)Electric current and its effects. | 1)Plotting a graph on distance-time graph 2)Project work | *Drawing skill *Analytical skill, interpretation, drawing conclusion. | Neatness and accuracy Logical and rational thinking, originality, creativity, Understanding of concept, Presentation. |
| JANUARY 2021 | 15)Light 16)Water: A precious resource | 1)Drawing 2)Group activity | *Drawing skills *Active participation, presentation. FORMATIVE ASSESSMENT-III | Neatness Analytical skill |
| FEBRUARY 2021 | 17)Forests-our life line 18)Waste water story. | 1)symposium 2)Written assignment (Note books assessment for FA-IV | Fluent presentation with appropriate gestures, confidence CW/HW Maintenance and checking. | Presentation Regularity neatness |
| MARCH 2021 | Revision for Summative assessment -II | | Individual written test based on knowledge , reasoning , application and skills. | |