

<p>(c) Students understand the significance and importance of garden in the school</p> <p>(d) applying prerequisite knowledge</p> <p>(e) drawing the layout plan of a garden and graphs</p> <p>(f) tiling the foot path , designing and landscaping</p> <p>(g) selecting and planting plants after checking conditions suitable for the growth of plants. measurement of height of plants, soil thickness, types of soil-acidic or basic, calculation of amount of fertilizer used.</p>	<p>To understand the beauty of symmetry in nature, sequence and different combinations of colours</p> <p>Area , perimeter, ratios and proportion., drawing geometrical fig</p> <p>Units, scale, imagination &creativity, drawing skill ,Collection, tabulation , analysis and interpretation of data</p> <p>Idea of symmetry Budgeting, area , arithmetical skill in calculation, Constructions, Areas of Circles , Semi circles and different polygons plotting points in the XY plane.</p> <p>Measurement of temperature ,power of observation, imagination , Statistical concepts Plotting points and drawing graph Mensuration, ratio and proportion, percentage, mean median and mode.</p>
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<p>(h) handling of different tools and other material like Sprinkler</p>	<p>Areas and Volumes Ratio and proportions, linear equation, symmetry, and dignity of labour</p>
<p>(i)Preparation of a time table and its effective implementation</p>	<p>calculation of quantum and quality of work, Ratio and proportions Areas and Volumes</p>
<p>(j) acquiring knowledge about the various uses of different parts of the plants and their medicinal values</p>	<p>research and correlation with science</p>
<p>(k) developing mathematical and working skills</p>	<p>skill development</p>
<p>(l) learn to take steps at the individual, school and social Level</p>	<p>sharing ideas, protection of environment and social skill</p>
<p>(m) the value “ Go Green Go Healthy”</p>	<p>Value of living in harmony with nature.</p>

THEME: 1: ADVENTURE CAMP

Objective of the text material	Concept(s)/ values involved
<p>To make the students understand</p> <p>(a) to learn planning of a camp, selection and arrangement of students for the camp and organizing</p>	<p>Statistics, ratio and proportion simple arithmetical calculations</p>
<p>(b) execution of activities of the camp</p>	<p>Statistics, Mensuration, time management,</p>
<p>(c) budgeting</p>	<p>Average, ratios and proportion, percentage.</p>
<p>(d) trekking in the forest</p>	<p>Learning to locate direction, learn to spot land markings, speed, distance, time, Pythagoras theorem</p>
<p>(e) rock climbing and observation of valleys</p>	<p>Pythagoras theorem, angle of elevation and depression and mensuration</p>
<p>(f) village walk</p>	<p>interacting skill, sight seeing, calculation of distance, time, statistics of involved in the different aspects of the village</p>
<p>(g) managing/arranging food for the team</p>	<p>buying, ratio proportion, cooking, sharing, team work, value labour</p>

<p>(h) making plans and implementing by the students</p>	<p>Leadership qualities, critical and analytical thinking</p>
<p>(i) Accommodation of students in buses as per the availability of seats</p>	<p>Collection, interpretation and calculation of mean</p>
<p>(j) planning for the welcome drink</p>	<p>Units, conversion of units, surface area and volume</p>
<p>(k) construction of tent</p>	<p>Conversion of two dimensional objects to three dimensional objects , identification of different shapes ,area, volume ,surface area sharing ideas, skill to construct , selection of materials</p>
<p>(l) bonfire and group plays</p>	<p>Value of living in harmony with nature and team spirit, positive attitude.</p>
<p>(m) success rate in rock climbing</p>	<p>Graphical representation of data ,critical analytical thinking, Value of eco friendly farming ,angle of elevation using binoculars , love of nature, skill in swimming, skill in making and using temporary bridges and adventurous skill</p>

(n) visit to organic farms ,bird watching and river crossing	Value of Eco-friendly farming, angle of education, love of nature, skill in swimming, skill in making and using temporary bridges and adventurous skill.
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