

Lab Activities of Mathematics (2024-25)
VII

Month	Practical/Activity to be conducted
April	1. To find the product of two integers by activity method. 2. To represent the product of decimal numbers on a square by drawing horizontal, vertical lines and shading.
May	3. To develop a foundation of fractions students will create a paper collage using circles divided into halves, thirds, fourths etc. to make a bird. 4. To compare the marks obtained in all subjects by a student in the quarterly and half yearly examination by drawing a bar graph using paper cutting or by graphical method.
July	5. To identify the conditions under which a given pair of angles are complementary and supplementary angles with the help of triangle kit. 6. To verify by paper cutting and pasting that if two parallel lines are cut by a transversal, then, each pair of corresponding angles is equal. a) each pair of alternate interior angles is equal. b) each pair of interior angles on the same side of the transversal is supplementary.
August	7. To obtain medians of a triangle from any vertex by paper folding. 8. To obtain altitudes of a triangle from any vertex by paper folding.
October	9. To find the formula of Perimeter of a region by activity method. 10. To find the formula of area of a region by activity method.
November	11. To obtain the line of symmetry by activity method using paper and ink. 12. To determine the order of rotational symmetry of parallelogram, when it is rotated about the point of intersection of its diagonal.
December	13. To draw a cube on an isometric sheet. 14. To draw a cuboid on an isometric sheet. 15. To draw an oblique sketch of cube on a squared paper. 16. To draw an oblique sketch of cuboid on a squared paper.
January	17. To obtain the line of symmetry by activity method using paper and ink. (Revision.) 18. To determine the order of rotational symmetry of parallelogram, when it is rotated about the point of intersection of its diagonal. (Revision.)
February	19. To draw an oblique sketch of cuboid on a squared paper. (Revision.) 20. To draw a cuboid on an isometric sheet. (Revision.)

