

GOVIND VIDYALAYA TAMULIA
Syllabus Compilation
Project and Assignment List

LIST OF MATHS ACTIVITIES -- STD X

TERM-I

APRIL	ACTIVITY - 1	To observe distance between diff. points of geometrical shapes 'when placed on rotating by using distance formula
JUNE	ACTIVITY-2	To verify the basic proportionality theorem for triangle by using parallel lines board, triangle cutouts.
JULY	ACTIVITY-3	To verify that the given sequence is an arithmetic progression by paper cutting and pasting method.
JULY	ACTIVITY-4	To verify the condition for consistency of a system of linear equations in two variables by graphical representation.
AUGUST	ACTIVITY-5	To find the formula for the LSA and TSA of a right circular cone experimentally.

TERM-II

OCTOBER	ACTIVITY-6	Finding the soln. for a given quadratic eqn. by graphical method (parabola).
OCTOBER	ACTIVITY-7	To obtain the formula for area of the circle by paper cutting & pasting method.
NOVEMBER	ACTIVITY-8	To find the probability of an event through experiment i.e. on student's birthday (30 students) and verification of total probability=1.
NOVEMBER	ACTIVITY-9	To find the angle of elevation of the sun.

LIST OF MATHS PROJECTS -- STD X

TERM-I

MAY	PROJECT 1	Preparation of FORMULA BOOKLET covering complete syllabus
JULY	PROJECT 2	Finding out Mean, Median ,Mode by all methods for marks obtained by the students in Std. IX

TERM-II

OCTOBER	PROJECT 3	Analysis of Language Text using graphs and finding out frequencies.
NOVEMBER	PROJECT 4	Physical verification of Pythagoras Theorem.