

Shri Gujrati English Medium Hr. Sec. School

Class- XII A

Subject- Mathematics(041)

Teacher's Name-Dr. Badri Vishal Padamwar

Lesson plan for the month- May 2020

Week	Chapter/Topic	Learning outcomes	Resources	Activity	Inculcation of art integration
1 st week	Determinants	(1)Introduction to concepts of Determinants (2)Expansion of determinants, properties , minor & co-factor, adjoint of matrix. (3)Inverse of matrix. (4)Application of determinants& matrix. (5)Solution of system of linear equation $AX=B$ by using $X=A^{-1}B$.	NCERT Book, NCERT Exemplar Book, Chalk, Duster, Desktop, Wifi Connection.	(1)Using the properties of determinants expand the determinants. (2)Finding the area of triangle by properties of determinants. (3)Finding the minor & co-factor of each elements of determinants. (4)Finding the inverse of matrix by $A^{-1}=\text{adj } A/ A $	