Mathematics		
Class IX		
CONCEPT TO BE TAKEN APRIL	C.W/H.W./ASSIGN.	Activity/Mode of Assessment
Ch-1 NUMBER SYSTEM		
Introduction.		
Irrational nos.	EX-1.2	
Representation of Real nos, on no. line.	EX-1.3, 1.4	To construct the square root spiral
	EX-15	
	EA-1.5	
	EX-2.1	
	EX-2.2	Verification of algebraic identity
Zeroes of a polynomial		$(a+b+c)^2 = a^2+b^2+c^2+2ab+2bc+2ca$
Eastorization	EV 2.2	
Algebraic Identities	EX-2.4	
		Online Assessment Educosoft
Ch- 4 LINEAR EQUATION IN TWO	EA-3.2	
VARIABLES		
	EX-4 1	Online Assessment Educosoft
Solution of Linear equation	EX-4.2	
JULY		
Ch- 6 LINES AND ANGLES		
		The state of the s
Introduction Basic terms and Definition	EX-6.1	To verify that when two lines intersect the vertically opposite angles are equal
Pairs of angles		
	EX-6.2	+
Introduction to congruence.	EX-7.1	
Conditions for Congruence of triangles.	EX-7.2	
Isosceles triangle property RHS congruency rule	EX-7 3	Online Assessment Educosoft
isosceles triangle property Kris congruency full	LX-1.5	
AUGUS	ST	
Ch-10 HERON'S FORMULA		
	EW 10.1	
triangle are given.	EX-10.1	Online Assessment Educosoft
Ch-5 INTRODUCTION TO EUCLID		
GEOMETRY.		
Euclid's definitions, Axioms and Postulates.	EX-5.1	Online Assessment Educosoft
Equivalent versions of Euclid's Fifth Postulate.		
SEPTEM	BER	
Revision for Half yearly	y exams	
Revision for Half yearly Half Yearly Examin		
	nation	
Half Yearly Examin	nation	
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES	nation ER	
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone.	nation ER Ex-11.1	Online Assessment Educosoft
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES	nation ER	Online Assessment Educosoft
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere.	ER Ex-11.1 Ex-11.2	Online Assessment Educosoft
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone	ER Ex-11.1 Ex-11.2 Ex-11.3	
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere.	ER Ex-11.1 Ex-11.2	Online Assessment Educosoft Online Assessment Educosoft
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone	ER Ex-11.1 Ex-11.2 Ex-11.3	
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI	ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4	
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere	ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4	
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI	ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4	Online Assessment Educosoft To verify that a diagonal divides a
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI Ch- 12 STATISTICS Histogram of uniform width Histogram of varying width.	ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4	Online Assessment Educosoft To verify that a diagonal divides a
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI Ch- 12 STATISTICS Histogram of uniform width	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER	Online Assessment Educosoft To verify that a diagonal divides a
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Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI Ch- 12 STATISTICS Histogram of uniform width Histogram of varying width. Frequency Polygons	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle
Half Yearly Examin OCTOB         OCTOB         Ch- 11 SURFACE AREAS AND VOLUMES         SA of Right Circular Cone.         SA of Right Circular Cone.         SA of Right Circular Cone.         Volume of Right circular cone         Volume of Right circular cone       Volume of sphere         NOVEMI         Ch- 12 STATISTICS         Histogram of uniform width       Histogram of varying width.         Frequency Polygons       Ch- 8 QUADRILATERALS	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER EX-12.1	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle To verify that the straight line joining Mi Points of any two sides of a triangle is
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI Ch- 12 STATISTICS Histogram of uniform width Histogram of varying width. Frequency Polygons	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle To verify that the straight line joining Mi Points of any two sides of a triangle is parallel to the third side and is equal to h
Half Yearly Examin OCTOB         OCTOB         Ch- 11 SURFACE AREAS AND VOLUMES         SA of Right Circular Cone.         SA of Right Circular Cone.         SA of Right Circular Cone.         Volume of Right circular cone         Volume of Right circular cone       Volume of sphere         NOVEMI         Ch- 12 STATISTICS         Histogram of uniform width       Histogram of varying width.         Frequency Polygons       Ch- 8 QUADRILATERALS	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER EX-12.1	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle To verify that the straight line joining Mi Points of any two sides of a triangle is
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI Ch- 12 STATISTICS Histogram of uniform width Histogram of varying width. Frequency Polygons Ch- 8 QUADRILATERALS Properties of Parallelogram Mid point theorem.	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER EX-12.1 EX- 8.1 EX- 8.2	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle To verify that the straight line joining Mi Points of any two sides of a triangle is parallel to the third side and is equal to h
Half Yearly Examin OCTOB Ch- 11 SURFACE AREAS AND VOLUMES SA of Right Circular Cone. SA of a Sphere. Volume of Right circular cone Volume of sphere NOVEMI Ch- 12 STATISTICS Histogram of uniform width Histogram of varying width. Frequency Polygons Ch- 8 QUADRILATERALS Properties of Parallelogram	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER EX-12.1 EX- 8.1 EX- 8.2	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle To verify that the straight line joining Mi Points of any two sides of a triangle is parallel to the third side and is equal to h
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Half Yearly Examine OCTOB         OCTOB         Ch- 11 SURFACE AREAS AND VOLUMES         SA of Right Circular Cone.         SA of a Sphere.         Volume of Right circular cone         Volume of Right circular cone         Volume of Right circular cone         Volume of Sphere         NOVEMI         Ch- 12 STATISTICS         Histogram of uniform width         Histogram of varying width.         Frequency Polygons         Ch- 8 QUADRILATERALS         Properties of Parallelogram         Mid point theorem.         DECEME         Angles subtended by equal chords at the centre are equal and vice-versa.         Perpendicular from the centre to the chord	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER EX-12.1 EX-8.1 EX-8.2 BER	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle To verify that the straight line joining Mi Points of any two sides of a triangle is parallel to the third side and is equal to ha of it.
Half Yearly Examin OCTOR         OCTOR         Ch- 11 SURFACE AREAS AND VOLUMES         SA of Right Circular Cone. SA of a Sphere.         Volume of Right circular cone Volume of sphere         NOVEMI         Ch- 12 STATISTICS         Histogram of uniform width Histogram of varying width. Frequency Polygons         Ch- 8 QUADRILATERALS         Properties of Parallelogram Mid point theorem.         DECEME         Ch- 9 CIRCLES         Angles subtended by equal chords at the centre are equal and vice-versa.	nation ER Ex-11.1 Ex-11.2 Ex-11.3 Ex-11.4 BER EX-12.1 EX-8.1 EX-8.2 BER Ex-9.1	Online Assessment Educosoft To verify that a diagonal divides a parallelogram into two congruent triangle To verify that the straight line joining Mi Points of any two sides of a triangle is parallel to the third side and is equal to ha of it.
	Irrational nos. Representation of Real nos. on no. line. Operations on Real Nos. Laws of exponents for Real Numbers. Ch-2 POLYNOMIAL Introduction Polynomials in one variable Zeroes of a polynomial Factorization Algebraic Identities MAY Ch-3 COORDINATE GEOMETRY Introduction Ch-4 LINEAR EQUATION IN TWO VARIABLES Introduction Formation of Linear equations Solution of Linear equation ULV Ch-6 LINES AND ANGLES Introduction Basic terms and Definition Pairs of angles Parallel lines and Transversal Ch-7 Triangles Introduction to congruence. Conditions for Congruence of triangles. Isosceles triangle property RHS congruency rule Ch-5 INTRODUCTION TO EUCLID GEOMETRY. Euclid's definitions, Axioms and Postulates. Equivalent versions of Euclid's Fifth Postulate.	Irrational nos.     EX-1.2       Representation of Real nos. on no. line.     Operations on Real Nos.       Laws of exponents for Real Numbers.     EX-1.3, 1.4       Ch-2 POLYNOMIAL     EX-2.1       Introduction     EX-2.1       Polynomials in one variable     EX-2.2       Zeroes of a polynomial     EX-2.3       Algebraic Identities     EX-2.3       Algebraic Identities     EX-3.1       Ch-3 COORDINATE GEOMETRY     Introduction       Introduction     EX-3.2       Ch-3 COORDINATE GEOMETRY     Introduction       Introduction     EX-3.2       Ch-4 LINEAR EQUATION IN TWO     VARIABLES       Introduction     EX-4.1       Solution of Linear equations     EX-4.1       Solution of Linear equations     EX-4.1       JULY     JULY       Ch-6 LINES AND ANGLES     Introduction       Basic terms and Definition     EX-6.1       Parallel lines and Transversal     EX-6.2       Ch-7 Triangles     EX-7.1       Introduction to congruence.     EX-7.3       Isosceles triangle property RHS congruency rule     EX-7.3       Area of a triangle when lengths of the sides of a triangle are given.     EX-10.1       Ch-5 INTRODUCTION TO EUCLID GEOMETRY.     Euclid's definitions, Axioms and Postulates.

16-31 (13 days)	Ch- 9 CIRCLES Equal chords and their distances from the centre Angle subtended by an arc of a circle Cyclic Quadrilateral	Ex-9.3	To verify that angle subtended by an arc at the centre is double the angle subtended by it on the remaining part of circle.		
JANURARY					
1 - 15	Winter Break				
16-31					
(13 days)	Revision for Annual H	Exams	Online Assessment Educosoft		
FEBRUARY					
1-15 (12 days)	Revision for Annual Exams				
16-28 (10 days)	Annual Examination				
TERMWISE SYLLABUS					
	Unit Test - 1 Chapters -1,2,3				
	Half yearly Chapter-1.2,3,4,5,6,7,10				
	Unit Test - 2 Chapters- 11, 12				
Annual Exams		Chapter-1,2,3,4,5,6,7,8,9,10,11,12			