

CH 6		LINES AND ANGLES	26	34	definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example: (Axiom), Given two distinct points, there exists one and only one line through them. (Theorem), (Prove) Two distinct lines cannot have more than one point in common	July	4
CH 7		TRIANGLES	24	32	CH 7 (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence)., (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence)., (Motivate) Two triangles are congruent if the three sides of one triangle are equal to the three sides of the other triangle (SSS Congruence)., (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence).	August	1
CH 8	QUADRILATERALS	2					
CH 9		CIRCLES	23	30	CH 9 (Prove) Equal chords of a circle subtend equal angles at the centre and (motivate) its converse., (Motivate) The perpendicular from the centre of a circle to a chord bisects the chord and conversely, the line drawn through the centre of a circle to bisect a chord is perpendicular to the chord., (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the centre (or their respective centres) and conversely., (Prove) The angle subtended by an arc at the centre is double the angle subtended by it at any point on the remaining part of the circle., (Motivate) Angles in the same segment of a circle are equal.		3
	N.C.E.R.T						4
Syllabus Break due to Exam Period and Holidays in the month of October							
CH 10	N.C.E.R.T	HERON'S FORMULA	23	30	CH 10 Area of a triangle using Heron's formula (without proof).	September	1,2,3,4
CH 12	N.C.E.R.T	STATISTICS	23	30	CH 12 Bar graphs, histograms (with varying base lengths), and frequency polygons.	November	1,2,3,4