DELHI PUBLIC SCHOOL, SRINAGAR

Academic Planner

Class 10th

Topic: Circles   By: Iftikhar Hussain

CLASSES REQUIRED	4
TOPIC	Circles
CONCEPT & SKILLS	Concepts: 1. Tangent to a circle. 2. Number of tangents from a point on a circle. **Skills:** 1. Geometrical skills. 2. Application skills.
LEARNING OUTCOMES	1To apply the knowledge of theorem "The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. To apply the knowledge of theorem "The lengths of tangents drawn from an external point to a circle are equal.
INSTRUCTIONAL TOOLS & REFERENCES	Text Book and Reference.
PEDAGOGY	Discussion, concept formation, Random questioning.
ACTIVITY / ASSIGNMENT /	Assignment related to the topic given to the children.

RESEARCH	
ASSESSMENT	Assessment done on the basis of assignment and Individual Activity and Group Activity.
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	FA-3: Some Applications of Trigonometry, Quadratic Equations FA-4: Co-Ordinate Geometry, Arithmetic Progression. SA-2: Some Applications of Trigonometry, Quadratic Equations, Co-Ordinate Geometry. Arithmetic Progression, Circles, Areas related to circles,Constructions, Surface Area and Volumes and Probability