AKAL ACADEMY BHAI DESA

Lesson plan no.1   **Class:-9th**
Sub.:-Mathematics   Chapter:-10(circles)   Date:

Overview:-12periods+1periods

Details of subtopics:-
1.Introduction of circles.
2.Introduction about line,arc and angles.
3.Intro about chord.
4.Application of chord.
5.Angle subtended by an arc of a circle.
6Cyclic quadrilaterals.

Educational objectives: Students will be able to: 1.Define circle and related concepts like radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle etc.   2. Prove the theorems of circle like:-Equal chord of a circle subtend equal angles at the center and its converse.
3. Perpendicular from the centre to a circle.
4. Circle through three points.
5. Equal chords and their distances from the centre.

Material:-chalk, duster, board, book etc.

Engage: - To make the classroom environment suitable and to warm up students teacher will ask some questions.
1. What is a circle?
2. What is a chord?
3. What is segment and sector?

Announcement of topic:-After warm up teacher will announce the name of topic.

Explanation:-Teacher will explain the topic by using laboratory method as well as inductive
method. Teacher will also explain topic using example in the classroom.

Explore:-Students will Explore their knowledge by doing some question .Teacher will give some examples of circles of different radii.

Elaborate:-In this session the assignment sheet will be given as home work at the end of the topic and separate sheets which will include questions of logical thinking and higher order thinking skill will be given to the above average students.

Recapitulate: Teacher will revise the important points related to the chapter.

Evaluate:-
1. Teacher will ask the students to try questions from exercise.
2. The oral test or written test will be conducted for secure the students knowledge.

Sign of Teacher   Sign of HOD