

MATHEMATICS PROJECT

CLASS: 6

TOPIC: CONSTRUCTION OF A HEXAGON AND CIRCUMSCRIBE A CIRCLE ON IT

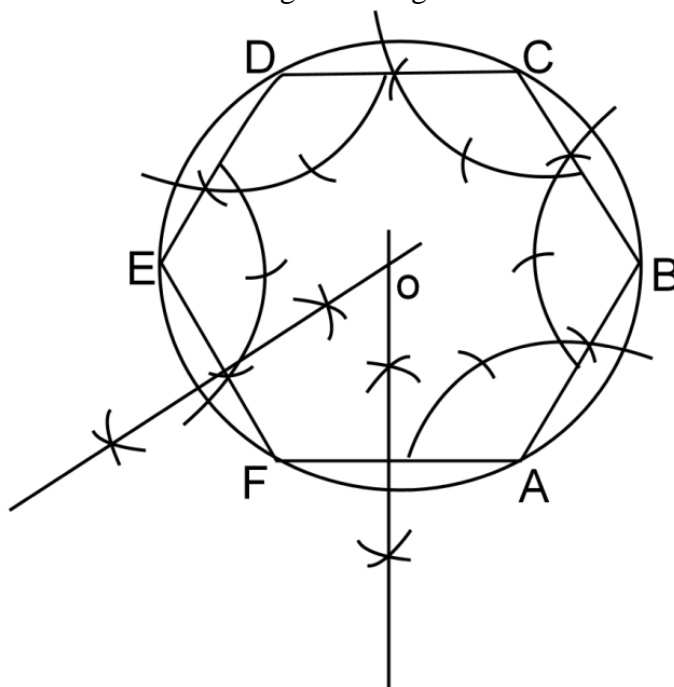
OBJECTIVE: To learn the methodology of the construction of a hexagon of a specified length and then circumscribe a circle on it.

MATERIALS REQUIRED:

1. Geometry box
2. Project workbook
3. Black ball pen
4. Scale
5. Pencil and eraser

PROCEDURE:

1. Draw a straight line FA of side 5cm.
2. Construct 120° at A and draw AB of length 5 cm.
3. Construct 120° at B and draw BC of length 5 cm.
4. Likewise, complete the hexagon ABCDEF.
5. Construct the perpendicular bisectors on EF and FA.
6. From O, the point of intersection of the perpendicular bisectors, join OF. Draw the circle with radius OF circumscribing the hexagon.



LAST DATE OF SUBMISSION OF PROJECT: 10th December, 2014

