

SUBJECT: MATHEMATICS

CLASS: VIII

CHAPTER 3 : UNDERSTANDING QUADRILATERALS

EXPERIENTIAL LEARNING ACTIVITY:

MATERIALS REQUIRED:

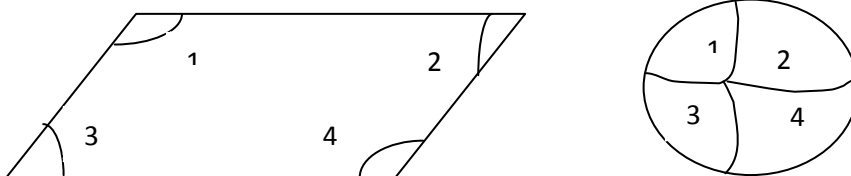
Coloured sheet of paper, a plain sheet of paper, glue, a pair of scissors, a ruler and a pencil

Hands on Activity:

To understand the angle sum property of a quadrilateral by paper cutting and pasting them and proving that the sum of interior angles of a quadrilateral is 360° .

- *On a coloured sheet of paper, draw a quadrilateral ABCD. Name its angles as 1,2,3,4.
- * Make the cutouts of all the four angles using a tracing paper or carbon paper and a plain sheet.
- *Paste these cutouts on a sheet of paper at a point P, so that there is no gap between them.

All angles together form a Complete Angle.



The sum of four angles of a quadrilateral is 360° .

CURIOSITY QUESTION:

- * Find the angle sum property of concave and convex quadrilateral?

ANSWER GUIDE:

- *Compare concave and convex quadrilateral
- *Give two examples of convex quadrilateral.