

D.A.V. PUBLIC SCHOOL, VELACHERY, CHENNAI – 42

SUBJECT: MATHEMATICS

CLASS: VII

CHAPTER NUMBER: 7

CHAPTER NAME: CONGRUENCE OF TRIANGLES

CURIOSITY QUESTIONS

1. Will you be able to find the congruence in all the shapes and objects?
2. Give any two examples of objects which are congruent.

ANSWER GUIDE

1. When do you say two line segments are congruent?
2. Given two angles of a triangle, how can you find the third angle?
3. What is the condition for congruence of two circles?

EXPERIENTIAL LEARNING ACTIVITY: ROLE PLAY

- To understand the congruence concept in a better way, students will be asked to take a coloured paper and cut it into two triangles of the same size.
- They will also be asked to cut all the three types of triangles (acute triangle, obtuse triangle, right triangle) and superimpose each part.
- From this they will understand that superimposed figures have equal sides and equal angles.
- By this activity, the congruence concepts will be made clear.