

ACTIVITY NO. – 1 WHERE TO LOOK FROM

SUBJECT	MATHEMATICS
CLASS	III
CHAPTER/UNIT	WHERE TO LOOK FROM
TOPIC	SYMMETRY
TIME	20 MINUTES
NATURE OF ACTIVITY	INDIVIDUAL

What will I learn(Learning Outcome)?

The students will be able to understand the concept of symmetry through learning by doing.

Skills: Understanding, Creating, Creativity, Integrating Art.

What we have to do?

To apply the concept symmetry to make a funny face/ smiley.

What do I require?

Origami sheets, bangle/bottle cap, sketch pens, googly eyes, glue stick, scissors, pencil and erasers.

What do you need to know?

Name of various 2-D shapes and their properties.

➤ Teacher's Activity :

Teacher will recall the 2- D shapes, their properties and demonstrate how to fold it into two equal halves.

How will you proceed ?

➤ Student's Activity:

- 1) Take an origami sheet and fold it in half along the center (refer Fig. No. 1)



(Fig. No. 1)

- 2) On one side draw half a circle using any bangle or bottle cap (refer Fig. No. 2).



(Fig. No. 2)

- 3) Cut it out along the boundary of the half circle using a pair of scissors.
4) Now open the fold, draw the eyes (or paste googly eyes) and smile to make a funny face/ smiley, color it and paste it in the notebook (refer Fig. No. 3)



(Fig. No. 3)

What have you observed ?

Symmetry of an object can be determined by folding it from its center.

What have you learnt?

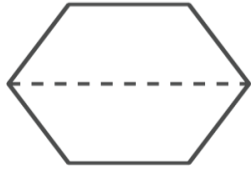
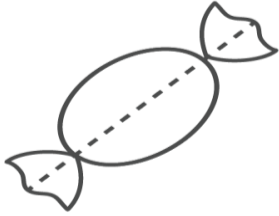
Symmetry gives us two exact equal halves. Symmetry cannot be observed in all the objects around us.

What am I curious to know?

Can I use the concept of symmetry to make a beautiful face mask?

Let me evaluate myself

Q1) Tell whether the dotted lines on each represent line of symmetry or not. Write 'YES' or 'NO'.



Q2) Draw the other half of each symmetric shape.

