

Geometry

LESSON PLAN

SPECIFIC OBJECTIVES

The students will

- know about a point and a line.
- read about straight and curved lines and the types of straight lines.
- learn how to draw straight lines using a ruler.
- be able to recognise footprints and handprints.
- know the number of straight lines required to make a shape.

CONTENTS EXPLAINED INSIDE THE CHAPTER

- Point (pages 131–132)
- Line (pages 132–135)
- Drawing Straight Lines (pages 135–136)

TEACHING AIDS

A string, thumb pins, a soft board, paper, a pencil, a ruler, a dot paper, etc.

TEACHING STRATEGY

- For initiating the chapter, the teacher should ask the students to observe different things inside or outside the classroom. Then, she should explain the position of the things like rods in window, tubelights, bulbs on the walls, edges of the blackboard, etc., in terms of standing line, sleeping line, a dot, etc. After that, she should refer to the situation given on page 131.
- Next, she should put a dot on the blackboard or a sheet of paper. Also, she may pierce some thumb pins on the noticeboard or any soft board.
- Further, the teacher should talk about the line referring to the edges of desks, tables, blackboards, etc., She may take a string and tie or make a turn around the thumb pins. Then, she should stretch and loosen it to refer the situation as a straight line or a curved line.
- Again, she should invite the students in a group and provide them few sticks and ask them to keep these sticks horizontally on the floor, vertically and obliquely along the walls. Thereafter, she should explain horizontal, vertical and slanting lines. Then, she should go to pages 131–135 for text and exercise.

- Now, the teacher should introduce the students about a ruler or a scale and assist them to draw straight line of the given length. Then, she should go to pages 135–136 for text and exercise.
- Further, she should give them the idea of the surface acquired by our hands or feet. To do this, she may perform an activity using ink, sponge and paper to get the impression of any object. Then, she should involve the students to complete Fun Zone.
- At the end of this chapter, she should involve the students to complete Maths Lab Activity with Joy.

EXPECTED LEARNING OUTCOMES

Students are able to

- recognise points and lines.
- identify and sketch the straight and curved lines.
- categorise the straight lines as horizontal, vertical and slanting lines.
- draw the straight line of the given length.
- get the footprints as well as handprints.
- know the use of straight and curved lines for sketching different shapes.