

CLASS 2

MATHS

NCERT SOLUTIONS

NCERT Solutions for Class 2 Maths Chapter 5: Playing with Lines – Free PDF Download

Chapter 5 of Class 2 Joyful Mathematics, Playing with Lines, teaches children to tell apart straight and curved lines, and the different orientations a straight line can have -- horizontal, vertical, and slanting.

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What this chapter teaches.

Children learn that a line can be straight (like the edge of a ruler) or curved (like a rainbow), and that straight lines can point in different directions: horizontal (lying flat, left-to-right, like the horizon), vertical (standing up, like a pole), and slanting (tilted, like a ramp). Recognising these orientations helps children later when they draw shapes and read graphs.

Activity 1 — Straight or Curved?.

The textbook shows several lines and asks children to sort them as straight or curved. At home, compare a ruler's edge (straight) with a piece of string laid loosely on the table (curved).

Activity 2 — Find the Direction.

Children look at straight lines in pictures (a clothesline, a ladder's side rail, a ramp) and say whether each is horizontal, vertical, or slanting.

Activity 3 — Draw the Lines.

Children practise drawing a horizontal line, a vertical line, a slanting line, and a curved line using a ruler and freehand, saying the name of each type out loud as they draw it.

Activity 4 — Lines Around Us.

A hunt for horizontal, vertical, slanting, and curved lines in the classroom or at home — for example, a window frame has horizontal and vertical lines, while a rainbow or a smile is curved.

Why This Chapter Matters

Understanding line types and orientations is a building block for drawing and recognising 2D shapes (which are made of straight and/or curved lines), and for later work with graphs and measurement.

How to Use These Solutions

Work through the activities above together with the child's own textbook pictures where relevant, talking out loud through each idea. You can download the full chapter from our [Class 2 Maths NCERT book page](#), or browse every Class 2 subject on our [Class 2 hub](#).

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