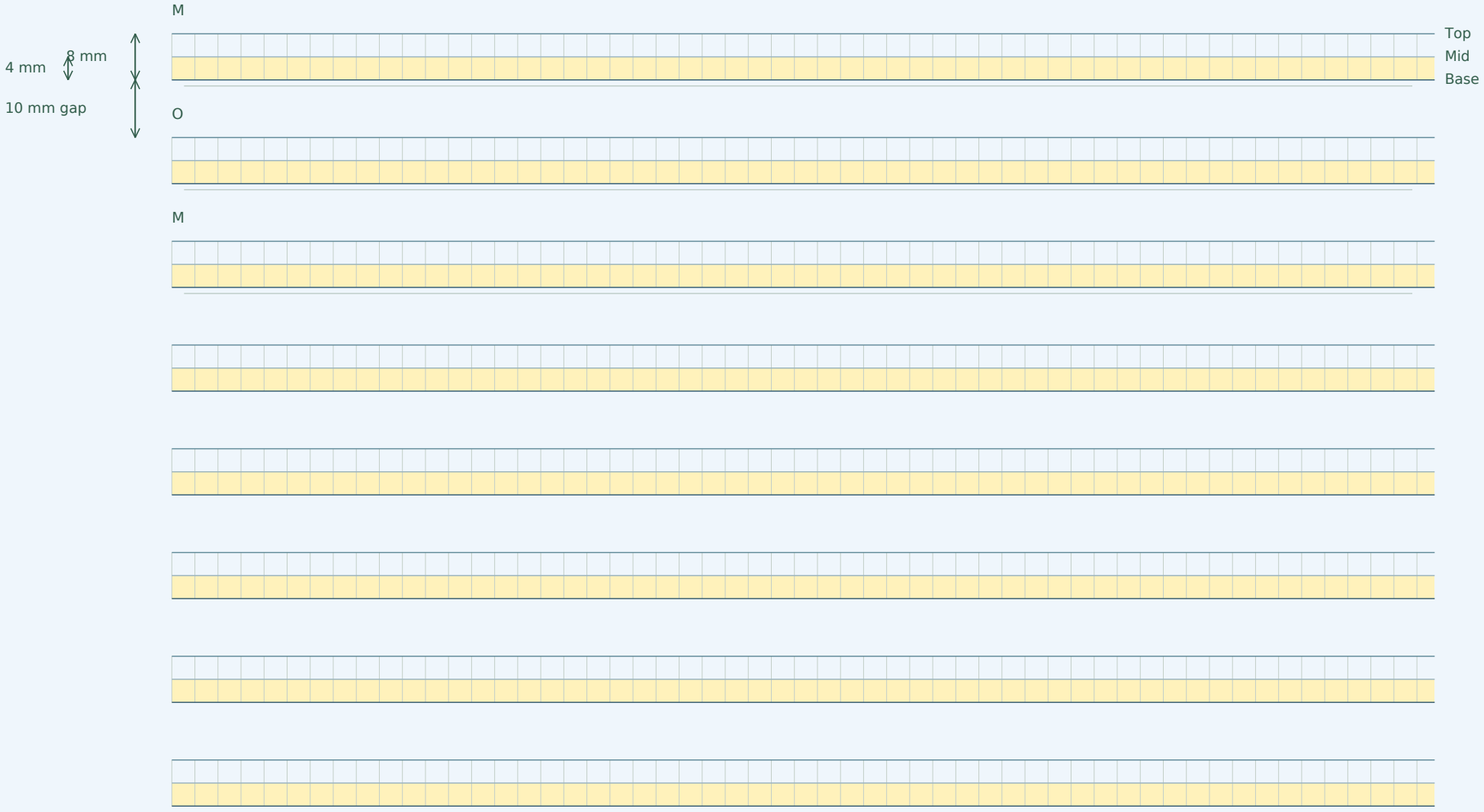
Design Words That Read Upside Down: A 180-Degree Letterform Lesson

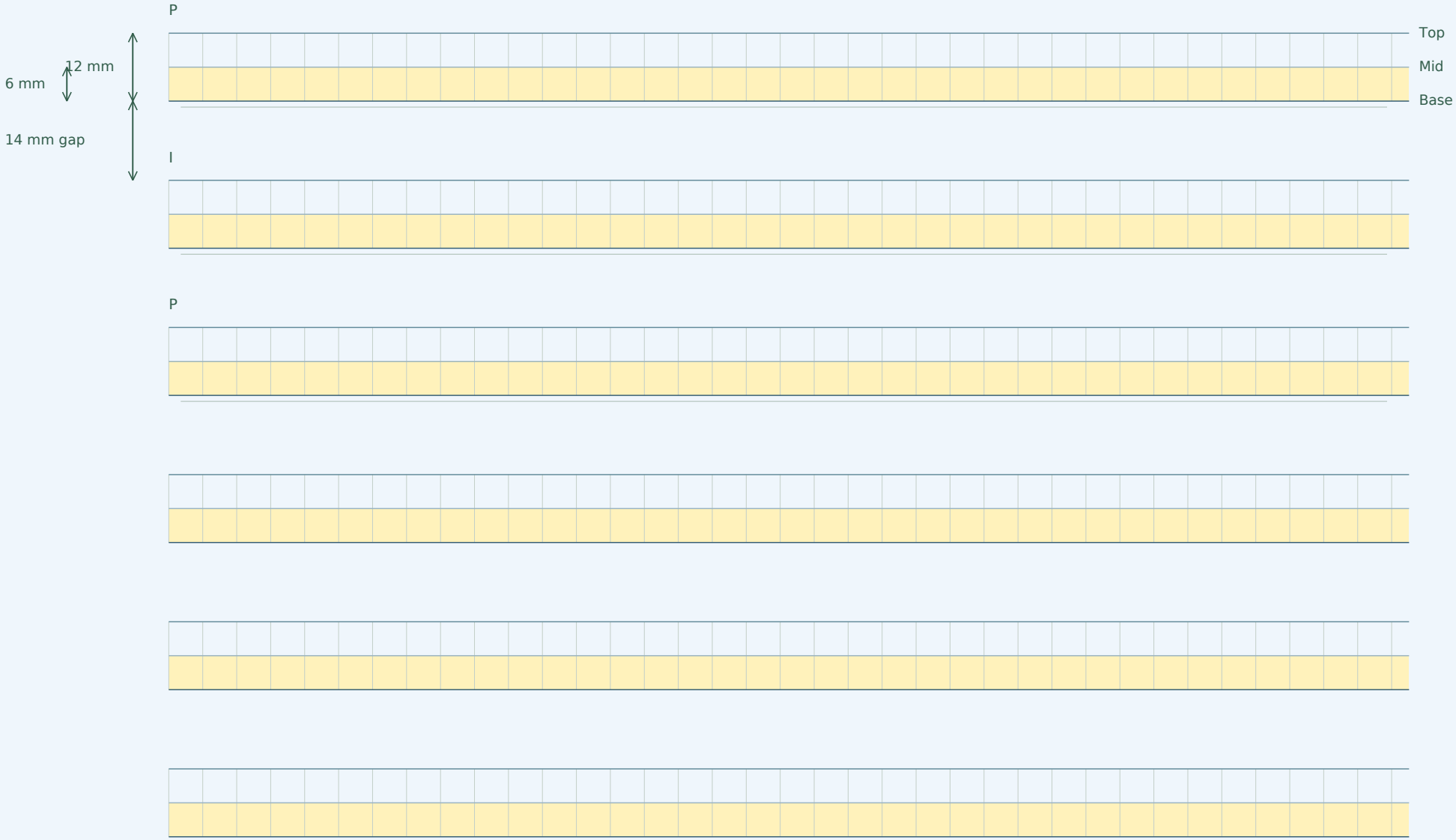
Student drafting grid: blank design plates for MOM



Exercise 1: x-height 8 mm, 4 mm squares. Blank plates for M, O, M.

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Student drafting grid: blank design plates for PIP



Exercise 2: x-height 12 mm, 6 mm squares. Blank plates for P, I, P.

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Student drafting grid: blank design plates for NON



Exercise 3: x-height 10 mm, 5 mm squares. Blank plates for N, O, N.

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Student design log form

Record word, x-height mm, grid square mm, one revision, 180-degree test result.

Word	
x-height (mm) (mm)	
Grid square (mm) (mm)	
Revision made	
180-degree test result	

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Original tasks 1, 2, 3 / blank responses

Task 1

Design a three-letter palindrome word using block letters on a grid. State a hypothetical x-height of 8 millimeters and a grid square of 4 millimeters. Describe how you test it after rotation.

Task 2

A student draws the word PIP with a 12-millimeter x-height on 6-millimeter squares. After rotation, the second I looks like a dash. Describe a revision and a check method.

Task 3

Design a three-letter word with at least one curved letter. Use a hypothetical x-height of 10 millimeters and 5-millimeter squares. Explain one likely mistake and how you avoid it.

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Original tasks 4 / blank responses

Task 4

Create a short design log for a word of your choice. Include the word, the x-height in millimeters, the grid square size in millimeters, one revision, and the result of the 180-degree test.