

Pyramid Path Puzzle – Teacher Instructions

Objective:

Students develop number sequencing, spatial reasoning, and logical decision-making skills by finding a valid path through a pyramid grid.

How It Works:

- Students begin at the top of the pyramid.
- Each move must go diagonally down-left or down-right.
- Numbers must increase consecutively.
- Each number is used exactly once.

Suggested Use:

- Math warm-up or bell ringer
- Math centers or stations
- Early finisher challenge
- Small-group problem solving

Differentiation:

- Reduce rows for support
- Allow partner discussion
- Increase rows or hide starting number for challenge

Grade Alignment:

Grades 3–4: Number patterns, directionality

Grades 5–6: Logical constraints, justification of moves

Grades 7–8: Strategic planning, error analysis