Pattern Block Design

Use your pattern blocks to create a design. Your design must:

- Use a total of 8-10 pattern blocks
- Use at least 4 different shaped pattern blocks
- Have 2 lines of symmetry

Trace each block in your design, and draw in the lines of symmetry. Explain how you know your design meets the criteria.
Pattern Block Design
Scoring Rubric
Grade 4

3 points
• Student draws a design that meets all criteria
• Drawing shows 2 lines of symmetry
• Student clearly explains how the design meets each of the criteria

2 points
• Student draws a design that has only one line of symmetry
• Drawing shows 1 line of symmetry
OR
• Student draws a design that meets all criteria
• Drawing shows 2 lines of symmetry
• Inadequate explanation of how the design meets each of the criteria

1 point
• Student draws a design that meets some of the criteria
• Drawing does not show line of symmetry or incorrect line of symmetry
• Little or no explanation

0 points
• Student work shows little understanding of the task