

## Core Skills Analysis

### Math

- The child practiced counting skills by enumerating the number of Lego bricks used in the tower.
- They explored basic measurement concepts by comparing the height of the Lego tower relative to objects or other towers.
- The activity introduced early spatial reasoning by planning how to stack Lego pieces securely to build a stable structure.
- The child may have implicitly learned about patterns if arranging Legos in repeating colors or sizes.

### Tips

Encourage your child to experiment with measuring their Lego tower using different units such as paper clips, small toys, or a ruler to introduce standard and non-standard measurement. Try counting the bricks together and asking how many more or fewer bricks are needed to reach a certain height, fostering addition and subtraction. Challenge your child to build towers with repeating patterns or shapes to deepen understanding of sequences and spatial awareness. You might also extend the activity by having your child record their findings in a simple chart or drawing, combining math skills with early literacy.

### Book Recommendations

- [Math Curse](#) by Jon Scieszka: A fun story that shows how math is present in everyday life, sparking curiosity about numbers and measurements.
- [Tower Tall](#) by Candace Fleming: This picture book introduces concepts of height and measurement through a tall tower story.
- [Lego Play Book: Ideas to Bring Your Bricks to Life](#) by Daniel Lipkowitz: Offers creative Lego building projects that integrate counting and spatial reasoning skills.

### Learning Standards

- Mathematics KS1: Number – Count to at least 100, including counting in 2s, 5s, and 10s (Year 2)
- Mathematics KS1: Measurement – Compare, describe and solve practical problems for lengths and heights (Year 1)
- Mathematics KS1: Geometry – Recognise and use 3D shapes (Year 1)
- Mathematics KS1: Number – Addition and subtraction within 20 (Year 1)

### Try This Next

- Create a worksheet where the child records the number of Lego bricks per tower and compares totals between different towers.
- Challenge the child to draw their Lego tower and label measurements, counting bricks, or identifying simple patterns.

### Growth Beyond Academics

This activity likely supported the child's focus and patience as they carefully stacked Lego pieces. It may also have encouraged problem-solving and confidence as they saw their tower grow taller and more stable through trial and error.