

Math

- Understanding of spatial reasoning and geometry through the construction of shapes and structures.
- Developing problem-solving skills by following instructions and figuring out how different pieces fit together.
- Enhancing counting and sorting skills while organizing and identifying specific Lego pieces.
- Strengthening understanding of measurements and proportions through building to scale or comparing the sizes of different pieces.

For continued development, encourage the student to experiment with building more complex and symmetrical structures, incorporating concepts of fractions and multiplication to scale up or down their designs. They can also explore the concept of area and perimeter by creating shapes with defined dimensions.

Book Recommendations

- [LEGO Math: Teaching Fractions Through Real-Life Examples](#) by Jennifer Nicole: A book that uses LEGO to teach fractions in a fun and engaging way.
- [The LEGO Principle: The Power of Connecting to God and One Another](#) by Joey Bonifacio: This book discusses how connecting LEGO pieces can be analogous to connecting ideas and concepts in mathematics.
- [Making Math: With Legos](#) by Kristin Fontichiaro: This book provides various math activities and games using LEGO bricks to reinforce mathematical concepts.

If you click on these links and make a purchase, we may receive a small commission.