

## Math

- The child learned the definition of a perpendicular bisector.
- They understood that a perpendicular bisector divides a line segment into two equal parts and forms right angles with it.
- The child learned how to construct a perpendicular bisector using a compass and a straightedge.
- They practiced solving problems involving perpendicular bisectors, such as finding the midpoint of a line segment.

For continued development, encourage the child to explore real-world applications of perpendicular bisectors. They can look for examples in architecture and design, where perpendicular bisectors are used to create symmetrical shapes and structures. Additionally, they can further enhance their problem-solving skills by attempting more challenging perpendicular bisector problems or exploring related concepts like angle bisectors.

## Book Recommendations

- [The Math Book: Big Ideas Simply Explained](#) by DK: This book provides an overview of various mathematical concepts, including perpendicular bisectors, in an accessible and engaging way.
- [The Number Devil: A Mathematical Adventure](#) by Hans Magnus Enzensberger: This fictional book takes readers on a journey through math and explores different mathematical concepts, making it a fun and educational read for sixth-graders.
- [The Boy Who Loved Math: The Improbable Life of Paul Erdos](#) by Deborah Heiligman: This biography tells the story of Paul Erdos, a famous mathematician, and highlights the beauty and excitement of mathematical thinking.

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