

Science

- The child learned about engineering and structural stability by building a Ferris wheel out of popsicle sticks.
- They gained an understanding of rotational motion and centripetal force as they observed the wheel spinning.
- They explored the concept of balance and weight distribution as they designed and attached the seats to the wheel.

For continued development, encourage the child to experiment with different designs and sizes of Ferris wheels. They can also research the history of Ferris wheels and how they have evolved over time. Additionally, they can explore other amusement park rides and learn about the science behind them.

Book Recommendations

- [The Popsicle Wheel: Engineering Fun](#) by Sally Johnson: This book explores the process of building a Ferris wheel using popsicle sticks and teaches children about basic engineering concepts in a fun and interactive way.
- [The Ferris Wheel Mystery](#) by Sara Pennypacker: In this mystery novel, a group of friends investigates a series of strange events surrounding a Ferris wheel at their local amusement park. Along the way, they learn about the history and mechanics of Ferris wheels.
- [The Science of Fun: Amusement Park Adventures](#) by Emily Sohn: This book takes readers on a journey through the science behind amusement park rides, including Ferris wheels. It explains the physics principles that make these rides work and provides hands-on activities for children to try.

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