

## Math

- The child learned about measurement and estimation while building the hot wheels track. They had to measure the length and height of the track pieces to ensure a smooth and functional track.
- They also practiced counting and sequencing skills when assembling the different track pieces in the correct order.
- While experimenting with different track configurations, the child explored concepts of angles and geometry.
- They utilized basic addition and subtraction skills to calculate the total length of the track or to determine how many additional pieces were needed.

## Science

- By building the hot wheels track, the child gained hands-on experience with concepts of motion and force. They observed how the cars moved along the track and understood the role of gravity and momentum in their movement.
- The child learned about friction and its impact on the speed and distance traveled by the hot wheels cars.
- They also explored cause and effect relationships as they experimented with different track designs and observed how it affected the car's performance.
- During the activity, the child had to problem-solve and think critically when encountering obstacles or challenges in building the track.

Encourage the child to continue developing their skills by designing and building more complex tracks. They can incorporate loops, jumps, and ramps to explore concepts of energy and velocity. Additionally, they can experiment with different materials for the track, such as cardboard or PVC pipes, to understand the impact of material properties on the car's movement.

## Book Recommendations

- [The Hot Wheels Handbook](#) by Scholastic: This book provides a comprehensive guide to Hot Wheels cars, tracks, and stunts. It includes tips and tricks for building exciting tracks and performing amazing stunts.
- [Hot Wheels: Race to Win!](#) by Ace Landers: In this action-packed book, kids can join the Hot Wheels team on thrilling races and challenges. It combines engaging storytelling with facts about cars and racing.
- [Hot Wheels: The Ultimate Handbook](#) by Scholastic: This handbook is filled with information about Hot Wheels cars, their history, and their unique features. It also includes cool track designs and challenges for kids to try.

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