

## Objective

By the end of this lesson, you will be able to explore basic geometry concepts through playing with Hot Wheels cars.

## Materials and Prep

- Hot Wheels cars
- A flat surface to play on (e.g., table or floor)

No prior knowledge is necessary for this lesson.

## Activities

1. Start by selecting a Hot Wheels car and placing it on the flat surface.
2. Observe the shape of the car. Is it a circle, rectangle, triangle, or another shape?
3. Roll the car on the surface and observe its movement. Does it go straight, turn, or spin?
4. Create different tracks using objects like books or blocks. Experiment with inclines and curves.
5. Discuss the different shapes and movements you observed while playing with the Hot Wheels cars.

## Kindergarten Grade Talking Points

- "Today, we are going to learn about shapes and movements using Hot Wheels cars."
- "Look at this car. What shape does it look like? Is it a circle, rectangle, triangle, or something else?"
- "Let's roll the car on the surface. Which way does it go? Does it go straight, turn, or spin?"
- "Now, let's create different tracks using objects like books or blocks. How can we make the car go up or down? Can we make it go around a curve?"
- "What shapes and movements did you observe while playing with the Hot Wheels cars? Can you describe them to me?"