

Hi there! Let's learn how a **remote control car** works in a fun and easy way.

1. The Remote Control: When you press a button or move the stick on the remote, it sends a special message, called a *signal*, to the car. This signal travels through invisible waves in the air called **radio waves**.

2. The Car's Receiver: Inside the car, there is a little gadget called a *receiver*. It listens for the signals from the remote control.

3. The Motor: Once the receiver gets the signal, it tells the car's motor to start moving. The motor is like a small engine inside the car that turns the wheels so the car can drive forward, backward, turn left, or turn right.

4. Power Source: Both the remote and the car have batteries that give them energy to work.

Putting it all together: When you push buttons on the remote, it sends radio signals to the car's receiver, which tells the motor how to move the wheels. This way, you can control where the car goes without touching it!

Isn't that cool? Now you know how your remote control car zooms around!