*15 The photograph shows a toy car that contains a spring. Pulling the car backwards along the floor compresses the spring. Energy is stored in the compressed spring.



The car is released and the spring returns to its original state. There is a forward force on the car from the floor and the car moves forwards.
Explain why the floor exerts a forward force on the car and how this force affects the motion of the car as the spring returns to its original state.