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While roller coasters are one of the popular rides in the amusement parks, not many people know that they do not need any motors or engines to move. There is a trick relating to Physics involved in how roller coasters move. After roller coasters leave the station, the chain pulls the cars up the first, highest and steepest hill in the track. At the top of the hill, the cars come off the chain. As they go down the hill, the vehicles get faster due to the force of gravity, gaining more kinetic energy. When they are at the bottom of the hill, they have enough energy to go up the next hill. Then the cars decelerate as they go up the hill and accelerate as they go down the hill. The cars repeat this for each hill. At last, the cars stop completely at the beginning of the track because they lose energy and speed toward the end. In conclusion, roller coasters work with simple physics. It is not too much to say that they are the most earth-friendly vehicles.