

21.419023

force

gravity

friction





## How do rollercoasters work

Rollercoasters can be fun, but one thing about rollercoasters work is that loops help them speed up! When a chain pulls a rollercoaster up to a hill it releases the coaster and it slides down very fast! 495 kilometers per second.



also the last thing about roller

coasters is that the gravity

helps it speed up, friction helps

it slow down, and force is

what you feel during a turn, drop,

or a loop.