

Why is it important to understand physics if you are designing a rollercoaster?

When you build a roller coaster it's important to understand physics, because if you didn't know about physics you wouldn't be able to get the roller coaster moving. Friction is important in roller coasters because you need to know the speed your going at, and stopping at. Gravity is important in a roller coaster because you want to be able to control what your doing, gravity helps that happen. Physics is extremely important while building a roller coaster, and being able to understand it while building one makes the experience better.

If you are building a roller coaster it's important to understand physics, because you have to keep your riders safe. Friction is important in roller coasters because you need to know the speed your going at, and stopping at. Understanding inertia is important in roller coasters because while all the riders are coming on, or off the roller coaster, you don't want the roller coaster to just drive away while someone is getting in or out. Being able to understand physics while building a roller coaster, because understanding how to stop, move, and control a roller coaster is important for the riders safety.