Vocabulary

mystery science

Lesson: What makes roller coasters go so fast?

collision	when one object hits or crashes into another object
energy transfer	when energy travels from one place to another
experiment	a test used to discover new information about a question
gravitational energy (height energy)	energy that is due to gravity
gravity	an invisible force that pulls any object down, toward the Earth
mechanical energy	energy that is in the form of movement
model	a pretend version of something that scientists use when the real thing is too big, small, or complicated to work with
sound energy	energy that is in the form of sound that can be heard
speed	how fast or slow something is moving
stored energy	energy that is not in use, but is saved inside something, such as batteries or rubber bands
trials	repeated tests in an experiment