

Lesson: What makes roller coasters go so fast?

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| 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 |
| 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 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 |