Vocabulary

mystery science

Lesson: Can you design a building that survives an earthquake?

criteria	the rules used to judge or decide something
constraint	something that limits what you can do, like time, money, or material
design	to make a plan for how to create or do something
earthquake	when the ground shakes, a natural hazard
engineer	a person who uses science to come up with solutions to problems
engineering design process	a series of steps engineers do that helps them find solutions to problems
model	a pretend version of something that scientists use when the real thing is too big, too small, or complicated to work with
natural hazard	an event in nature (such as a landslide, earthquake, hurricane, or wildfire) that can be dangerous to living things
natural disaster	the harmful impacts on humans that happen because of a natural hazard, such as a landslide, earthquake, hurricane, or wildfire
vibration	a quick movement back and forth