

## Lesson: How high can you swing on a flying trapeze?

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<b>force</b>	a push or a pull
<b>friction</b>	an invisible force that resists the motion of an object
<b>gravity</b>	an invisible force that pulls any object down, toward the Earth
<b>model</b>	a pretend version of something that scientists use when the real thing is too big, small, or complicated to work with
<b>motion</b>	a change in the position of an object
<b>pattern</b>	something that happens again and again and again in a way that can be predicted
<b>predict</b>	to guess what will happen based on things you know
<b>pull</b>	to move an object toward you
<b>push</b>	to move an object away from you