

## 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> | a force when two objects rub together that slows 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                                                                                       |