

## Lesson: Why is gravity different on other planets?

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| <b>asteroid</b> | a rocky object in outer space                                                                                    |
| <b>average</b>  | a number that you get when you add up a set of numbers and then divide by how many numbers there are in that set |
| <b>divide</b>   | to separate into smaller parts or groups                                                                         |
| <b>force</b>    | a push or a pull                                                                                                 |
| <b>graph</b>    | an image that helps you understand the number or amount of something                                             |
| <b>gravity</b>  | an invisible force that pulls any object down, toward the center of a planet, moon, or other object              |
| <b>mass</b>     | the amount of matter an object has                                                                               |
| <b>multiply</b> | to add a number to itself a certain number of times                                                              |
| <b>pattern</b>  | something that happens again and again and again in a way that can be predicted                                  |
| <b>planet</b>   | a large, round object in outer space that orbits a star                                                          |