

## Vocabulary: Gravity Pitch



### Vocabulary

- Escape velocity – the speed an object must travel to escape the gravitational pull of a planet.
  - If an object is launched at escape velocity, it will leave the planet and not return.
- Gravity – the force of attraction between all objects in the universe.
  - Gravity is only significant when one of the objects is very large, like the Earth. There is very, very little gravitational attraction between you and your couch – but there is some!
- Orbit – the path of a celestial body (such as a moon or a planet) around another body.
- Orbital velocity – the speed an object must travel to achieve a perfectly circular orbit.
- Trajectory – the path of an object through space.
- Velocity – an object's speed and direction of motion.