

<b><i>THEORY</i></b>	<b><i>LAW</i></b>	<b><i>HYPOTHESIS</i></b>

The inverse-square law for gravity and Newton's Laws of motion explain why orbits are ellipses	Momentum is the product of a body's mass and its velocity	If it is morning, then the sun will be in the East.
Biological Evolution occurs through the process of Natural Selection	An object at rest will remain at rest unless acted on by an outside force	If we place a seedling in the sun and provide it ample water, then it will grow.
The universe began almost 14 billion years ago with a massive explosion event and is continuing to expand ever outward.	Two objects, no matter their mass, exert gravitational force on one another.	If enough heat is applied to a sample of combustible material, then it will spontaneously combust.
Tectonic plates cause the changes in the earth's surface that we can observe, such as earthquakes, volcanoes and mountains.	Force causes an object with mass to accelerate.	If we place a plant in the dark then it will stop growing.
Days and nights on earth are caused by the rotation of the earth on its axis.	For every action, there is an equal and opposite reaction.	If a solution is heated to 100 degrees celsius, then 25.4 grams of sodium chloride will be able to dissolve completely.