

all life as we know it is dependent upon there being water around. scientists and astronomers are always looking out into the universe trying to figure out whether there is life elsewhere. they're always getting really excited when they find water someplace particularly liquid water., but why do we think that water is necessary for life. why does water on other planets get us so freaking excited. Water has the highest cohesion of any nonmetallic liquid. water adheres weakly to the wax paper or teflon, but strongly to itself.. cohesion is the attraction between two like things, like attraction between one molecule of water and another of water.. adhesion is attraction between the water molecules and the glass molecules.. These properties lead to one of my favorite things about water [UNK] the fact that it can defy gravity. Henry Cavendish was the first person to recognize hydrogen gas. hydrogen gas as a distinct substance and to determine the composition of water.. Cavendish did not understand what he discovered because he didn't believe in chemical compounds and explained his experiments with hydrogen in terms of a firelike element called "phlogiston".

Cavendish only published about 20 papers, but also discovered the density of the earth. he was so shy that the only existing portrait of him was sketched without his knowledge.. Cavendish had prediscovered Richter's Law, Ohm 's Law, Coulomb 'slaw, Cavendish 's 4th Law. it 's hard to heat up and cool down the oceans significantly. they become giant heat sinks that regulate the temperature and climate of our planet.. When water evaporates from your skin. It cools you down. when my body gets hot and it sweats, that heat excites some of the water molecules on my skin. To the point that they break those hydrogen bonds and they evaporate away. and when they escape they take that heat energy with them leaving me cooler..