

Newton's First law

• Before watching the video explain what you understand the physics terms **the system**, **the environment**,**a state of the system**,**a force** and **a derivative** to mean.

• What does Newton's first law state?

• What did I say defines the state of a system in Newtonian mechanics?

• How did I say we define change in physics? Describe what types of processes constitute change in Newtonian physics?



• Having now watched the video what do you understand the physics terms the system, the environment, a state of the system, a force and a derivative to mean.