

Mr.p: That means the more mass an object has the more it resists acceleration. Let's go to our Flipping Physics Correspondent Aman Agrawal in India for an example of this concept. [pause for Aman]

Aman: [using tripod (in other words, a stationary camera) and standing stage left, 10 second pause to listen to mr.p] Thanks mr.p. You can see on my left is a chair and on my right is a couch. Clearly the couch has more mass than the chair and therefore has more resistance to a change in state of motion. Both the chair and the couch are currently at rest and now I will accelerate each one. [pushing chair] It is easy to accelerate the chair because it has little mass. [pushing couch] However, it is difficult to change the state of motion of the couch because it has a large mass. This is Aman Agrawal reporting from New Dehli, India. Back to you mr.p. [Pause for 10 seconds listening to mr.p]

Mr.p: [Pause for Aman] Thank you for your help Aman. Now I need to add one word to our mass definition.