

NEWTON'S FIRST LAW SUMMARY (HW): MAINTAINING CONSTANT VELOCITY

Write a 1-2 page paper (*double-spaced, 12pt font, at least five paragraphs*) addressing the prompt below. It should include an introduction and conclusion, use content language appropriately (*eg, velocity, acceleration, force*) and meet all standard grammatical expectations.

PROMPT: What is required to keep an object moving?

- Be sure to address this completely, supporting your claim with evidence (including Newton's First Law as well as observations from the past three days).
- Address the following opposing viewpoint in your writing as well: *While reading Newton's First Law, a 10th grade student becomes very frustrated. "This doesn't make any sense! When I kick a ball, it comes to a stop naturally. Even when I'm ice-skating, I eventually stop on my own. Force is necessary to keep something moving. As the force wears off, the object comes to a stop!"* How would you respond to this?