Unit 2 Physics Study Guide.

**Use your notes and graded assignments to summarize the information below. 1 page minimum (it must be full to earn full credit).**

1. Know gravity’s acceleration and know how to prove it in Lab.
2. Know how to calculate the distance of an accelerating object.
3. Know what Newton’s 2nd law is and how to use the equation that it is associated with.
4. Know what Newton’s 1st Law is and what inertial is.
5. Know how to calculate the velocity of a falling object.
6. Know how to use a “positive” or “negative” direction when dealing with an accelerating object.
7. Know what happens to the acceleration of an object when the force is constant.
8. Know what happens to the velocity of an object when the force is constant.
9. Know what momentum and impulse are.