

Name: _____

Newton's Looney Tunes

Growing up, Looney Tunes were some of my favorite cartoons. I never thought about how they both break and follow Newton's Three Laws. For example, Bugs Bunny does not have a problem walking away when he is talking to Marvin the Martian. According to Newton's third law if Bugs pushes on the ground then the ground pushes back on him allowing him to walk. But in the cartoon where Bugs faces the giant orange monster, the monster runs through several walls without any problems and without losing speed. When the monster runs through the wall he puts a force on the wall and the wall should have exerted a force back on him. Since the wall is more massive, the monster should have rebounded off of the wall instead of going through it.

Today you are going to watch several Looney Tunes episodes. When watching you need to find an example of how each of Newton's Three Laws are broken and then tell what should have happened.

Newton's First Law:

What happened in the cartoon:

How did it break the law and what should have happened:

Newton's Second Law:

What happened in the cartoon:

How did it break the law and what should have happened:

Newton's Third Law:

What happened in the cartoon:

How did it break the law and what should have happened:
