

<http://science.discovery.com/games-and-interactives/newtons-laws-of-motion-interactive.htm>

Step click on the "Law of Inertia"

1. What does the law of inertia state? _____

2. What happens when you apply an external force on the apple? _____
3. What happens when you stop the apple? _____
4. Explain why number 3 happens. _____

5. What external force caused the worm to stop? _____

Go to Next Law

1. State the 2nd law of motion: _____
2. What is the Force? _____ The Mass? _____ and the Acceleration? _____
3. What happens when the worm exerts more force? _____
4. What happens when the apple gets more mass? _____

Go to next law

1. What does the 3rd law state? _____
2. What is the "action" in this example? _____
3. What is the "reaction in this example? _____

Take the Quiz. Get at least an 8 out of 10 and get checked off. Checked? _____

<http://science360.gov/obj/video/70fadaa8-c3d4-4132-ba1f-c98be5caeb14/science-nfl-football-newtons-first-law-motion>

Step 2 Watch the video and answer the following questions

1. What does Newton's 1st law say? _____
2. What is an example of Newton's 1st law in football? _____

3. What is an example of inertia in football? _____

4. What happens when a football player has more mass? _____

Step 3 <http://video.pbs.org/video/1607925512/>

Step 3 Watch the video and answer the questions?

What is an example of Newton's 1st law in the video? _____

What is an example of Newton's 2st law in the video? _____

What is an example of Newton's 3st law in the video? _____

<http://www.popsoci.com/adam-weiner/article/2008-09/playing-games-science-n3wton>

Step 4 Play the game and answer the following questions

What law is the game based off of? _____

State what that law says: _____

Explain how Newton's 3rd law applies to this game. _____

Explain how Newton's 1st law applies to this game. _____

<http://www.proprofs.com/quiz-school/story.php?title=Newtons-Laws-Physics-Quiz>

Step 5 Take the quiz get an 80% or 8 out of 10. Checked off? _____

Step 6 Take the quiz get 6 out of 8. Checked off? _____

When you are finished go back and play the game in step 4

