

Learning about Newton's Laws

Teacher & Student Resources



Lesson Overview

In this lesson, students learn about Sir Isaac Newton and his laws as they complete a WebQuest (Internet Scavenger Hunt) to answer questions about the topic. A complete answer key is provided for easy grading, along with resources for both teachers and students. This lesson was designed for middle school (grades 6-8) but could be used in upper elementary as well.

Materials Required:

- Computers with Internet access for each student (or pair of students)
- Software such as Microsoft Word or Google Docs

Files included:

- Teacher & Student Resources
- Fun Facts about Sir Isaac Newton and His Laws WebQuest Activity
- Fun Facts about Sir Isaac Newton and His Laws WebQuest Answer Key

Approximate Lesson Duration:

- 1 (50 minute) class period

Teacher Resources

Sir Isaac Newton Videos (several 3-5 minute videos suitable as an introduction to the lesson):

http://www.physics4kids.com/files/motion_laws.html

Biography of Isaac Newton video (52:26); <https://youtu.be/P2UF0tX-45M>

Newton's Laws of Motion: <http://www.physicsclassroom.com/Physics-Tutorial/Newton-s-Laws>

Student Resources

Suggested Sites for Student Research

- Biography for Kids – Sir Isaac Newton: http://www.ducksters.com/biography/scientists/isaac_newton.php
- Easy Science – Sir Isaac Newton: <http://easyscienceforkids.com/all-about-sir-isaac-newton/>
- Science Facts – Sir Isaac Newton: <http://www.sciencekids.co.nz/sciencefacts/scientists/isaacnewton.html>
- Newton's Laws of Motion: http://www.physics4kids.com/files/motion_laws.html