John Jones (your name)

Ms. Smith (teacher’s name)

European Studies, Period 3/4 (class name and period)

December 1, 2014 (due date, fully written out)

Breaking Ground (title is centered and thoughtful)

Einstein’s Relativity successfully dealt with the limitations of Newtonian physics, and in doing so completely redesigned humanity’s view of the universe. The main problem with Newton-era physics was that it could not fully explain light (Wolfson 55). Einstein realized that light did not need a medium to travel through, and instead traveled at the same speed no matter the reference point (Wolfson 87). This simple idea led to unexpected consequences: because the speed of light was constant no matter the speed of its source, it meant time and distance, the two other variables involved in calculating speed, had to be relative, and therefore different, to each observer (Wolfson 87). This was the Special Theory of Relativity, the first of the two theories Einstein published on the subject. He later expanded this idea to mean that all phenomena are in fact different from every point of view, and from that idea deduced that Newton’s gravitational effect was actually caused by the warping of space by matter (“General”). This was his General Theory of Relativity, published in 1916 (Einstein, *Principle* 23). In Einstein’s own words, “According to the general theory of relativity, the geometrical properties of space are not independent, but they are determined by matter” (Einstein, *Relativity* 113). These ideas all completely contradicted Newton’s ideas of a strict force that controlled all movement, and were therefore revolutionary in their own right.

Notice: you are citing direct quotes, paraphrased information, and ideas taken from your sources

Works Cited (title needs to be this: Works Cited and centered)

Notice how these two sources by the same author are cited in-text above

Einstein, Albert. *The Principle of Relativity*. Toronto: Dover Publications, 1952. Print

If there are quotes here, keep the quotes in the in-text citation

Einstein, Albert. *Relativity*. Amherst, NY: Prometheus Books, 1995. Print.

“General Relativity.” *Science for the Millennium*. 7 Nov. 1995. National Center for Supercomputing

Applications. Web. 15 Sept. 2014.

Wolfson, Richard. *Simply Einstein: Relativity Demystified*. New York: W.W. Norton & Company, 2003.

Print.

The Works Cited page is double-spaced, there are no numbers or bullets and the entries are listed alphabetically