Math Grade 12
Calculus

Standard 2: Differential Calculus

"A Defence of Free-Thinking in Mathematics: In answer To a Pamphlet of Philalethes Cantabrigiensis, intitled, Geometry no Friend to Infidelity, or a Defence of Sir ISAAC NEWTON, and the BRITISH Mathematicians. Also an Appendix concerning Mr. WALTON's Vindication of the Principles of Fluxions contained in the ANALYST"
George Berkeley

Reading Level: 12

Directions:

Sir Isaac Newton published the book titled Methods of Fluxions in 1736 which contained his work on differential calculus. George Berkeley then published a pamphlet titled The Analyst which criticised the work of Newton and other mathematicians. Several mathematicians responded to Berkeley's attack on the analyst and published their own pamphlets. Berkeley then responded to these pamphlets.

Read the essay and choose three sections/arguments to further investigate. For each section, based on your knowledge of mathematics, decide if you agree or disagree with the point the author is making. Find two sources that back up your view. Write an essay with your findings for each of the three sections. Be sure to document your sources.