Title: *Bridging Science and Technology: Enhancing Earth & Space Education with NASA Resources*

Proposal: Publish an article to an Education Journal

STEM Integration: The article will analyze various STEM technologies and their effectiveness in enhancing student learning. A significant focus will be on utilizing real-world data from NASA resources to introduce students to data-driven decision-making, climate science, space exploration, and Earth system analysis. By integrating NASA's open-access educational tools, educators can bring real scientific data into the classroom to provide an opportunity for students to explore real-world applications of STEM subjects.

Target Audience: This article is intended for educators, school administrators, curriculum developers, and policymakers interested in incorporating STEM-based methodologies into their teaching frameworks. It will also benefit parents seeking to understand the role of STEM in modern education.

Outcome and Expectations: The goal of this article is to provide educators with practical strategies to integrate STEM tools into their classrooms using real-world scientific data. Readers will gain insights into how NASA resources can enrich STEM curricula, promote digital literacy, and foster critical thinking skills. The article will highlight the benefits of exposing students to authentic scientific research early in their education, making STEM learning more relevant and engaging.

Resources:
My NASA Data: https://mynasadata.larc.nasa.gov/
Earth System Data Explorer:
https://larc-mynasadata-2df7cce0.projects.earthengine.app/view/earth-system-data-explorer
Earth Observations: https://neo.gsfc.nasa.gov/
Visible Earth: https://visibleearth.nasa.gov/
Atmospheric Infrared Sounder: https://airs.jpl.nasa.gov/resources/video?category=229
Solar System Trek: https://trek.nasa.gov/#