**Human Impact on the Earth Research Project--Summative Category-Teams of 2. This is a Presentation. Google Slides or equivalent. 60 points (2 tests value). It must run on its own and include voice over and have music and sound effects.**

* **Introduction: The Backstory.**

**You are a Space Traveler from another Solar System and were given an assignment by your leader, the Great Exalted Ruler, to investigate the Planet Earth. Your present home planet and your species are struggling to exist and are having trouble sustaining quality living conditions. You are searching for a location with a long lasting stable atmosphere, climate and population. Your species is biologically very similar to Earth’s human species and requires the same biotic and abiotic factors and resources. You have no preconceived opinions about Earth. Your job is to research the aforementioned variables to see if Earth is a good candidate for future colonization.​**

**You possess 2 very special powers.**

1. **You can travel at infinite speed, much faster than the speed of light.**
2. **You can time-travel in both directions. The only stipulation regarding your time-travel power is that you must be at the location you are studying to be able to use it.**

* **In your Presentation Creation, you will be reporting back to the Exalted Ruler with your findings regarding the Human Species Impact on the Earth including the past, present and future. Keep the presentation in the 1st Person. Begin with, “Great Exalted Ruler this is what I’ve discovered.” It must include the following: The Grading Rubric 60 points in the Summative Category.**
  1. **A Timeline-During your Time-Travel Machine experience you observed and documented the history of Earth’s past climate throughout the Cenozoic Era and up to the present. Show Earth’s harmful Human Impacts and climate changes over this period of time. Use only credible accurate data. (Substantiated proof only, sources must be listed) ​​5 to 10 slides. (10points)**
  2. **Effects-Provide a detailed explanation and description of a minimum of 5 present effects of the harmful Human Impacts upon the Earth. Be sure to include the causes of these concerns and their present locations. (Substantiated proof only, sources must be listed) ​​5 to 10 slides. (10 points)**
  3. **The Future- During your Time-Travel Machine experience you were able to experience Earth’s Health and Climate in the future. Describe in detail a minimum of 5 changes Earth will encounter if The Human Impacts and harmful issues are not addressed. (Substantiated proof only, sources must be listed) ​​5 to 10 slides. (10 points)**
  4. **Solutions-Describe a minimum of 5 proven solutions that will either stop Climate-Change and harmful Human Impacts or reverse it. (Substantiated proof only, sources must be listed) ​​5 to 10 slides. (10 points)**
  5. **Quality, Creativity and Completeness and on time. (20 points)**

**In summary: You do not have to agree that Humans have had an Impact on the Earth and are presenting viable problems to Earth and our species. Whatever position you take it must be proven with credible, substantiated, documented tested proof. The research sources you use must be listed and will be verified. No preconceived opinions or political beliefs will be permitted.**

**Extra Credit if you expand and connect Human Impacts on the Earth to other criteria. (5 points)**

* + **An A+ Project should follow the sequence of events in the order shown in the grading rubric from 1-5 and include;**

* + 1. **Characters created playing the parts​-Animated or Live and in a Movie format.**
    2. **Voice-over with Music in the background.**
    3. **The story told in the first person and as an Odyssey Adventure Journey.​​**
    4. **An opening with the Backstory Introduction.**
    5. **A discussion, (meeting) that you are having with your leader about getting the new assignment traveling to and exploring Earth to see if it's a good place to colonize.**
    6. **Your adventures on the way traveling to Earth.**
    7. **Your adventures as you collect the data about Earth's past, present and future climate and its potential livability.**
    8. **Your adventure traveling back to your home planet to report to your leader.**
    9. **​​​​10 Minutes of excitement and be able to run on its own.**

* **​Extra credit will be added if you can connect a different and unique cause of Climate Change.**