MISSION REPORT

To:	Mission Director
From:	_____, Planetary Science Analyst *Name*
Subject:	Scale-Based Analysis for _____ *Planet/Moon*
Purpose:	As planetary scientists at NASA, our team is planning a mission to explore a planet or moon in our solar system. Our team will analyze and interpret scale properties—such as size, distance, and surface gravity—using scientific notation to recommend a destination for the mission.

Initial Findings

After researching the following properties for our selected object, we found the following values and represented them both in standard notation and scientific notation. Use the appropriate units.

Property	Standard Notation	Scientific Notation
Diameter		
Distance from Earth		
Surface Gravity		

Scale Comparisons

Below we compared at least two properties with those of Earth. We used scientific notation and explained the difference in scale.

Property	Explanation
Example	Jupiter's diameter is approximately 1.4×10^5 km, which is about 11 times the diameter of Earth.
Comparison 1	
Comparison 2	

Mission Proposal

Below I have used our data to answer the following questions.

- How does the distance of your chosen planet impact space exploration efforts?
- Why should we choose your destination for the mission?

My 4–5 Sentences: