Task: Developing Questions About the Parker Solar Probe Mission

1. **Watch the Video:**
    - View the video about NASA's Parker Solar Probe mission. Pay close attention to the details about the mission, its objectives, and the challenges it faces.
2. **Use the Provided Pointers:**
    - Refer to the main pointers below to help guide your understanding and focus your thinking as you watch the video. These pointers will help you create your questions.

Mission Details:

- Purpose and goals of the Parker Solar Probe mission
- Significance of the mission for studying the Sun

Probe Specifications:

- Size and design of the probe
- Methods used to protect the probe from the Sun's heat

Journey and Orbit:

- The path the probe takes, including its slingshot maneuver around Venus
- Number of orbits and how they change over time
- Proximity to the Sun during its closest approach

Scientific Objectives:

- Specific aspects of the Sun being studied (corona, solar wind, etc.)
- How the findings might affect our understanding of the Sun
- Potential impact of the research on life on Earth

Technological Challenges:

- Challenges faced in designing and launching the probe
- How the probe withstands extreme conditions near the Sun
- Innovations used in the probe's construction and mission planning