

# Mission Proposal Letter



Credit: NASA

Mission Name: \_\_\_\_\_

Mission Destination: \_\_\_\_\_

Lead Investigator: \_\_\_\_\_ (your name)

Mission Question: \_\_\_\_\_

Mission Concept: \_\_\_\_\_

Dear NASA:

Our team of scientists and engineers is very excited about the study of the Sun and the heliosphere. We have examined the data gathered from previous and existing missions to the Sun, missions that study magnetic fields around Earth, missions to the edge of the heliosphere, and missions that search for planets around other stars. But we believe that there is more to discover!

## **Mission Justification**

We think this would be a good mission because...

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## **Phase A: Project Plan:**

The type of data that we will collect on this mission includes...

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## **Phase B: Design:**

Sketch your spacecraft on the next page. Make sure to include all of the instruments that the spacecraft will need to collect data. Consider if you will need solar panels for power, and take into account other factors, such as the need for heat shields or protection from radiation, especially if your spacecraft will be carrying humans.



**Sketch your design here:**



Thank you for taking the time to consider our proposal. If selected, we look forward to working with you on the next phase of mission development.



Mission Stamp of Approval

Sincerely,

\_\_\_\_\_  
Lead Investigator

