

Archaeoastronomer: _____

Date: _____

SUNSPOTS

Solar Research Proposal

Choose one part of this section and create a research program to investigate some aspect of sunspots or another solar phenomenon that can affect the earth.

- Write about the goals of your research. What do you want to find out? Why?
- Do you have a hypothesis or model? How will the results of this investigation support or disconfirm this hypothesis/model?
- If you do not have a model or hypothesis, what will you measure, and how would these measurements be used?
- Describe the instruments you would need, such as a solar telescope or satellite equipped to make images in (visible, x-ray, radio, ultraviolet) light.
- How does this research rely on what is already known about the sun?
- Project the results into the future to describe the research's eventual impact on science and humanity.