



Name: _____ Date: _____ Class: _____

Title: Explore Solar Orbiter
Student Sheet

Video Questions:

1. Why is every image of the Sun you have ever seen of its equator?
2. What did the Solar Orbiter observe at the Sun's south pole in 2025?
3. What do the observations indicate about where the Sun is in its cycle?

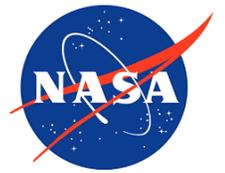


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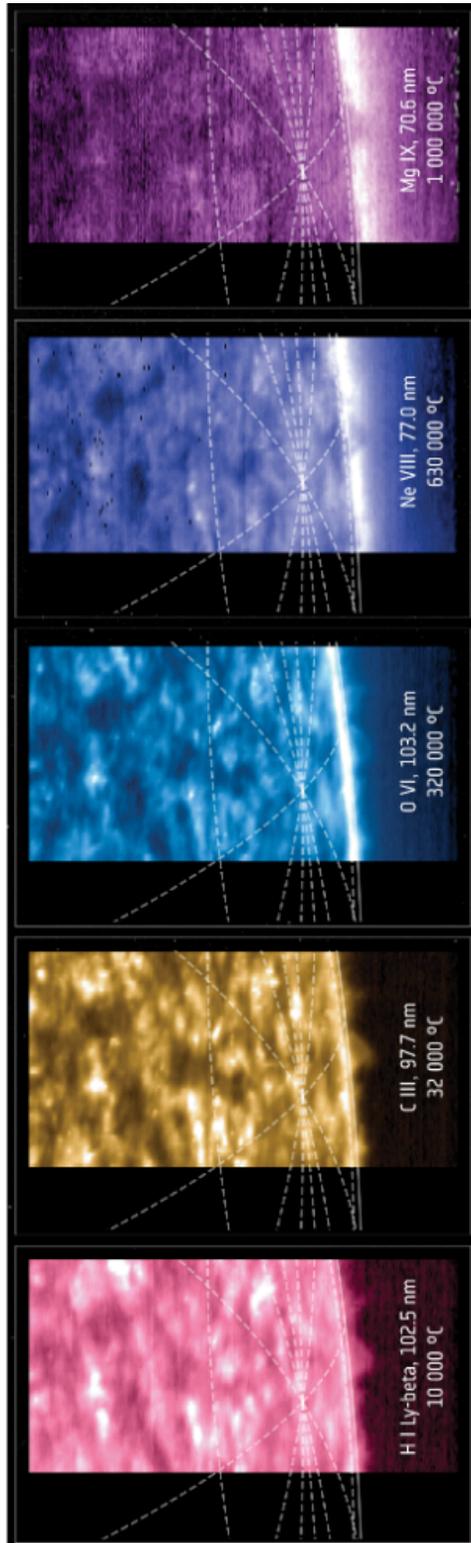
Slide 9: Predict what the magnetic field map of the Sun's south pole would look like during solar minimum.

Slide 12: What do you notice about how the bright spot on the left changes as the layers get hotter and closer to the corona?

Slide 14: On the image on the next page (or in the slide deck), find a bright spot on the far left image (H gas) and describe how it changes as the layers get hotter and closer to the corona. Use the screenshot feature to do an analysis of a slice of data. Use a different spot than the example and previous slide.



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Magnesium (Mg)
gas

Neon (Ne)
gas

Oxygen (O)
gas

Carbon (C)
gas

Hydrogen (H)
gas

