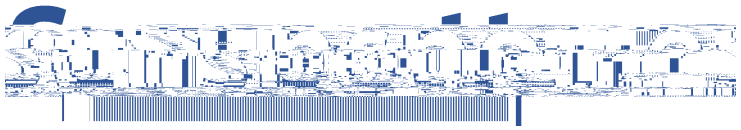


The s

This S[illegible] to gather data about the sun on your own! Sunspotter gives you the

[illegible] a projection of the sun's image and you get the chance to gather data about the

Predict [illegible]

Observe the image in the Sunspotter.

What did you notice?

[illegible]

[illegible]

[illegible]

Does the image move fast? Which direction is it moving? How long does it take to move by?

What do the image's colors remind you of?

What color does the sun seem to be?

How would you describe the edge of the sun? Is it sharp or fuzzy?

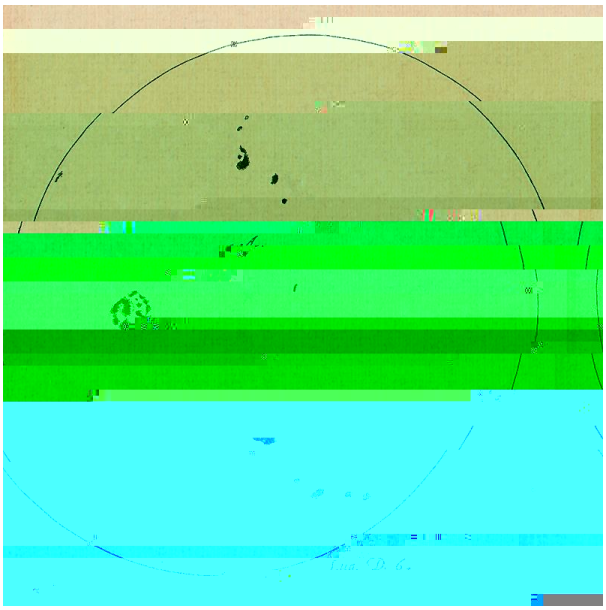
[illegible]

Did you see any clouds or birds or airplanes cross the sun's image?

[illegible]

Draw the Face of the Sun

It's weird to think there were no cameras when sunspots were first discovered. All images of the sun had to be hand drawn. Galileo was the first person to record sunspots and their motion and realize this meant the sun was moving on its own axis! Below are drawings of observations of sunspots made on two different days.



What do you notice about the two images? These observations are one day apart: July 5th

If you compare the images to see how the sunspots change over time? What are some of your observations?

Try drawing your own freehand sketch of what you see in the following steps:

Pre-draw the circle of the sun on your paper.

Begin drawing your observations from the image, starting with the largest spots first.

Look at the image and draw any spots you see.

Try to keep the proportions and placement of the spots relative to each other.

Record the time of day and date you are drawing.

You may have to erase and redraw parts of the sun but since it doesn't