

# Astronomy Mini-Course

*Alexander Held*

# 4 Week Rundown

Content covered:

1- Observing the Cosmos

2- The Sun

3- Life Cycle of Stars

4- Exoplanets, Asteroids, and Comets



*Stars above Carina Cluster*



NGC 2818





*Monkey's Head Nebula*

So...

How did we get to where we are?

# Days of the Week

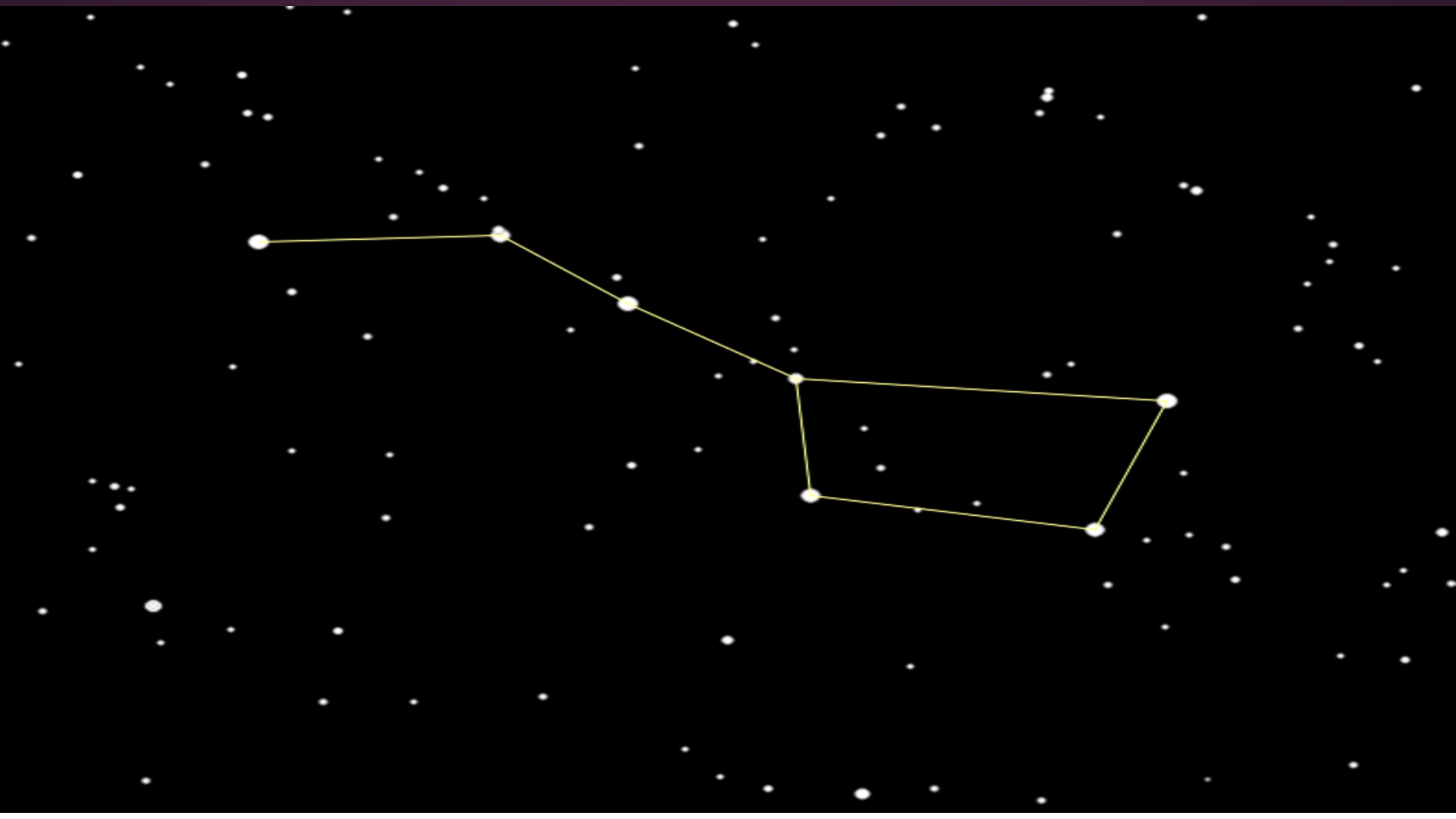
English doesn't really tell much

# Cycles

Day/night

Winter/summer





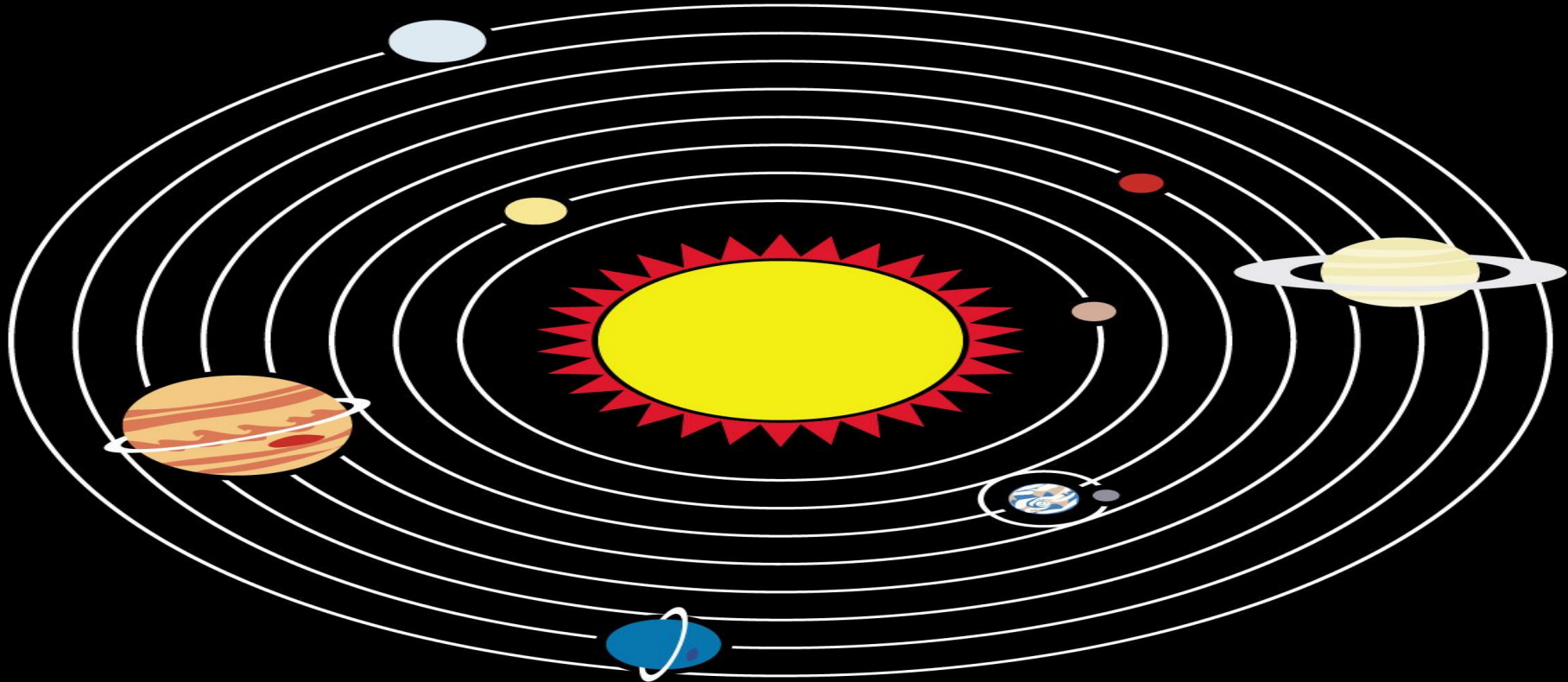
# The Birth of the Telescope



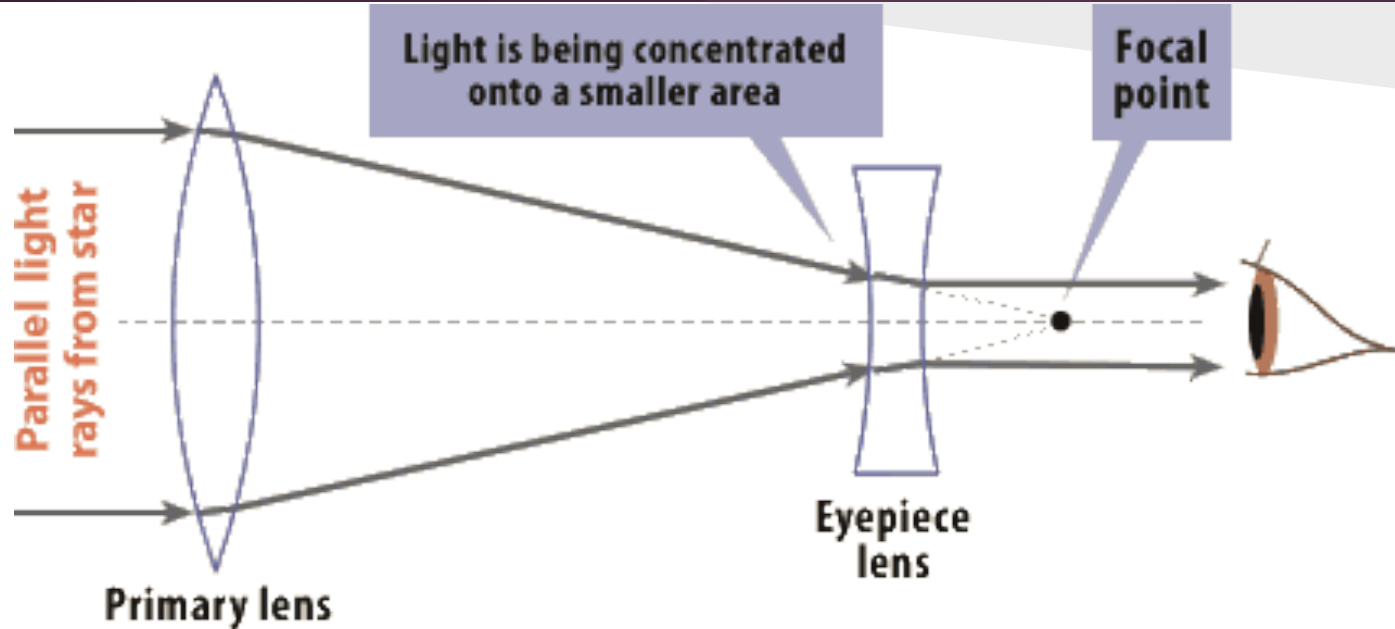
# Galileo



# Heliocentrism



# Refracting Model



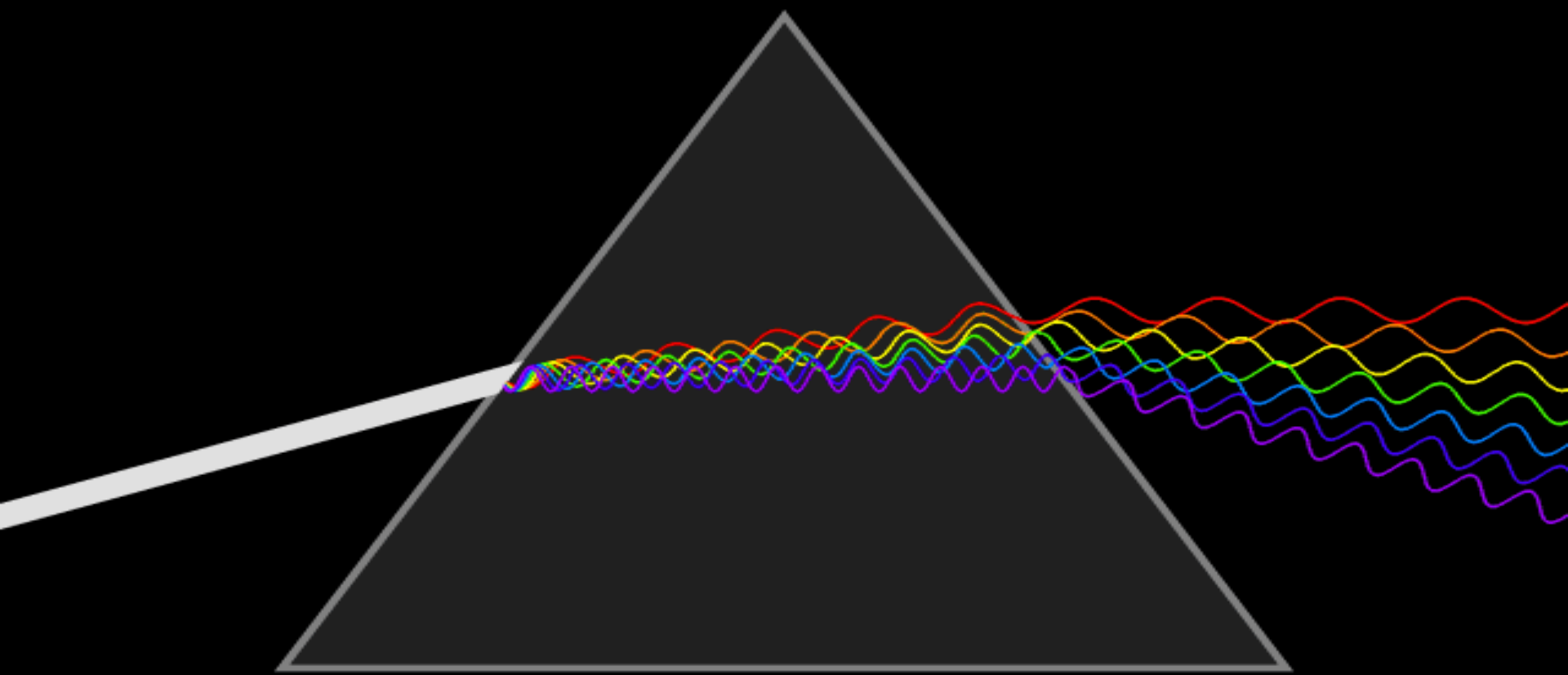
This **convex** spherical lens (called the primary lens) collected and concentrated the light ...

... and this **concave** eyepiece lens made the concentrated light rays parallel again.

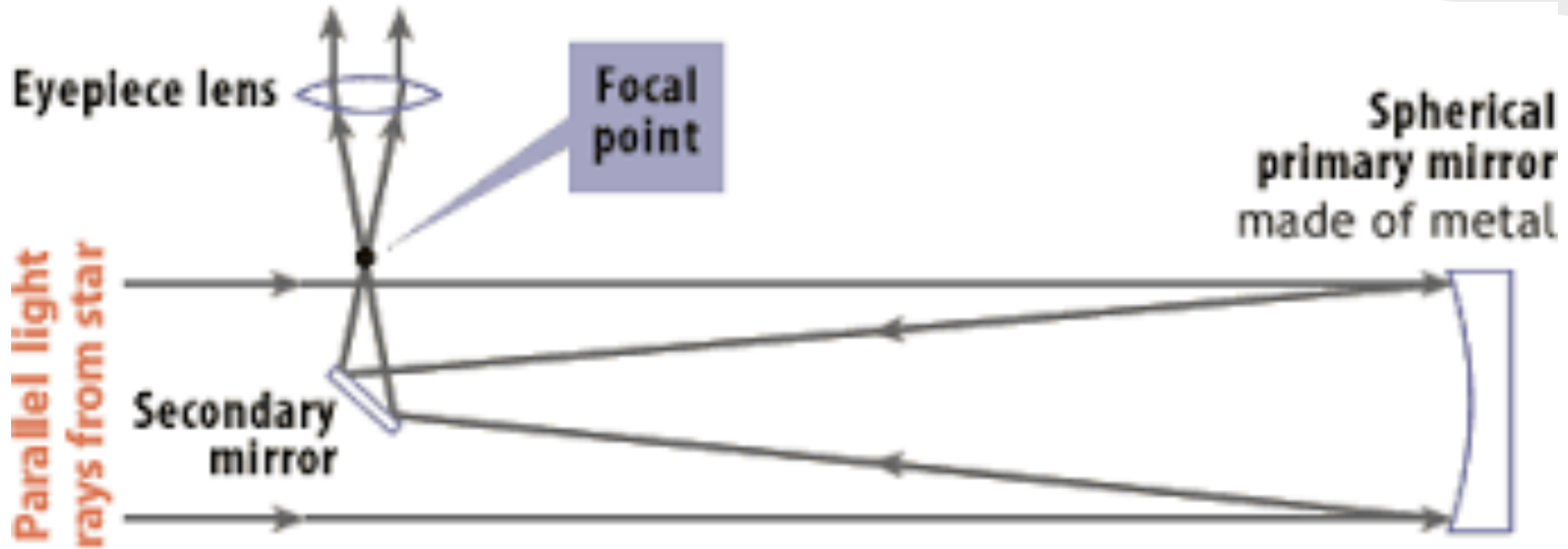
# Improvements



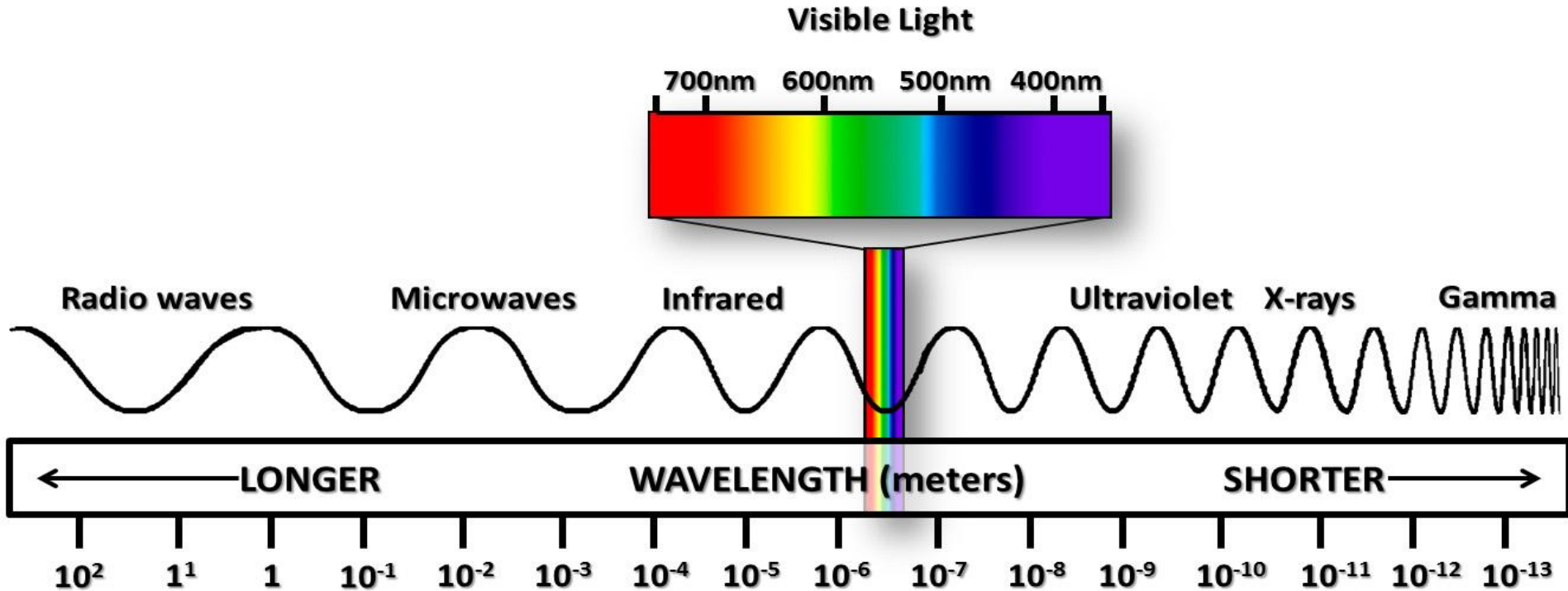




# Reflecting Model



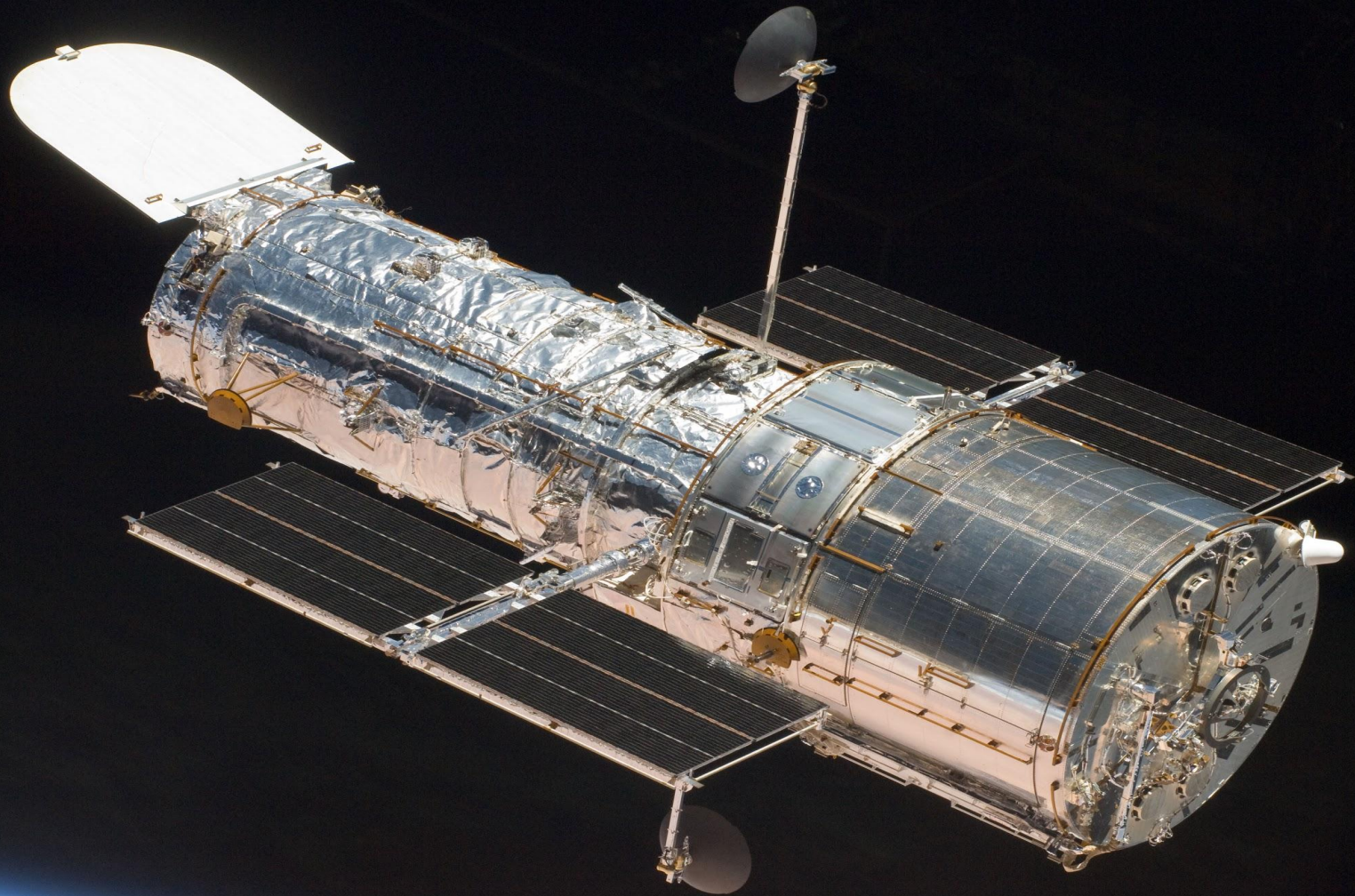
# Electromagnetic Spectrum



# Go to this

<http://www.chromoscope.net/1.4.1/what.html>

play around with some of the tools



S125E012033

# Jeopardy



# Post Quiz

<https://www.surveymonkey.com/s/GSSWNMS>