

# Let's observe Saturn



In 1609, the Italian scientist Galileo Galilei became the first person to make astronomical observations using a telescope. A year later he made a great discovery while observing Saturn. What did he find?  
Let's experience his surprise by recreating his observations using our telescope.

Observation & Sketch

Name \_\_\_\_\_ Address \_\_\_\_\_

Let's observe and draw sketches of Saturn and other stars (except for the Moon and the Planets).

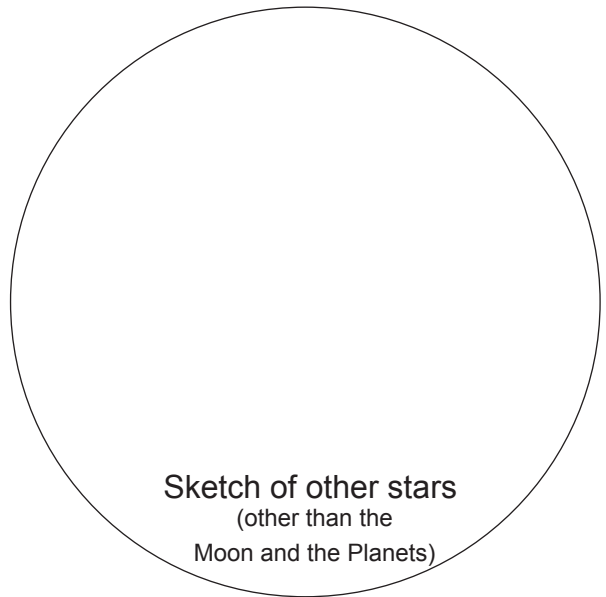
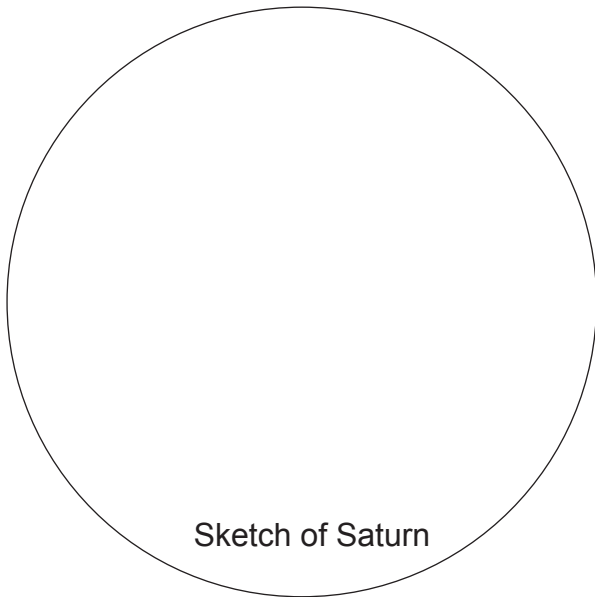
**Example**  
weather: Clear

Date & Time 21:00 Month 4 Day 30 Aperture of Telescope 4 cm  
Site Tokyo, JAPAN Magnification \* 35 x

\*Magnification of a telescope can be calculated as follows: Focal length of telescope ÷ Focal length of eye piece.

weather:

Date & Time \_\_\_\_\_ Aperture of Telescope \_\_\_\_\_ cm  
Site \_\_\_\_\_ Magnification \* \_\_\_\_\_ x



How is Saturn different from other stars? Write down what you have noticed.

**Saturn Transit & Set Time**

	Transit	Set	Sunset
Mid April			Opportunity to observe
Mid May			Opportunity to observe
Mid June			Opportunity to observe
Mid July			Difficult to observe
Mid August	Impossible to observe in August onwards		

Saturn is located in Leo in 2009.

