



Let's observe Saturn

Observation & Sketch

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.

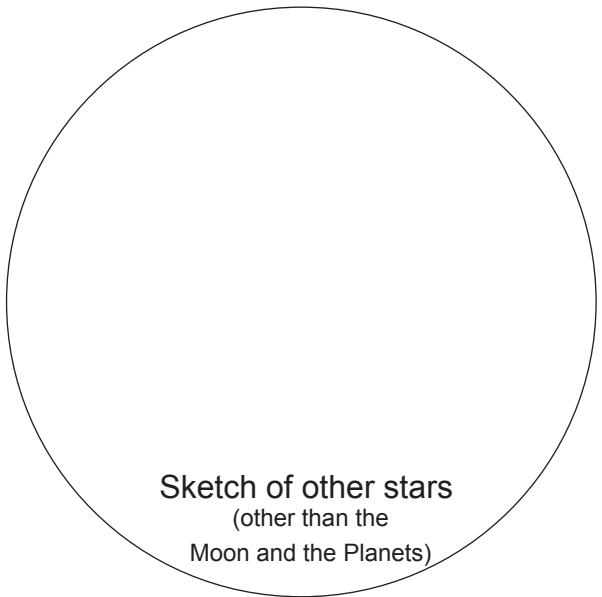
Name _____ Address _____

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

Example weather: Clear	Date & Time	<u>21:00 Month 4 Day 30</u>	Aperture of Telescope	<u>4 cm</u>
	Site	<u>Tokyo, JAPAN</u>	Magnification *	<u>35 x</u>

*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

	Rise	Transit	Set	Time for observation
Mid March	19:18	01:26	07:29	Midnight
Mid April	17:08	23:11	05:18	Midnight
Mid May	15:03	21:06	03:13	Before midnight
Mid June	12:59	19:02	01:08	After sunset
Mid July	11:04	17:06	23:09	After sunset

