

# "You are Galileo" Project



In 1609, Galileo Galilei, an Italian scientist, performed the first observation of the "stars" using a telescope. The Moon was covered with craters, the Milky Way was made of numerous stars, satellites circled Jupiter, Venus waxed and waned...

Even with a small telescope, only 4cm in diameter, Galileo found the sky filled with surprises that overturned the human understanding of the universe.

In this "You are Galileo" project, you will use a telescope similar to Galileo's and re-discover the surprises that Galileo found.

Now, let's join the "You are Galileo" project!



## What Do You Do?

The "You are Galileo" project is run by the International Year of Astronomy 2009 Japan Committee. Its purpose is to provide affordable telescope kits around the world so students can share the surprises and discoveries of Galileo. The telescopes have a diameter of 4cm, which is the same as the telescope that Galileo used to observe the universe 400 years ago.

This project is also a part of the IYA Headquarter project "The Galileoscope"


<http://www.astronomy2009.org/globalprojects/cornerstones/galileoscope/>

"You are Galileo" Project provides not only telescopes, but a yearlong observation program utilizing the telescopes. Download observation worksheets and manuals from our web page

<http://www-irc.mtk.nao.ac.jp/~webadm/Galileo/> and observe Jupiter, Venus, the Moon, the Milky-way, the Andromeda galaxy, and more!

You can observe alone, with friend or in large groups. By sending your reports to us, your reports will be posted on our website. You will also receive a participation certificate and a chance to win prizes. Share your excitement with like minded people around the world!

In "You are Galileo" project, you will use "You are Galileo" telescopes authorized by IYA 2009 project committee, or your home telescope, to observe celestial objects and from the results realize how the great discoveries of Galileo were achieved. After the observations are over we request you to report your findings and thoughts.




International Year of Astronomy 2009 "You are Galileo!" Project  
**Jupiter-Watch Campaign**

**Observation & Sketch**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Age: \_\_\_\_\_



† A hand written copy of the sketch made by Galileo Galilei on January 7, 1610.

**First observation** Date: \_\_\_\_\_ Aperture of telescope \_\_\_\_\_ cm

weather: Site: \_\_\_\_\_ Magnification \_\_\_\_\_ power \_\_\_\_\_

※ The magnification of a telescope can be calculated as follows. \*focal length of telescope ÷ focal length of eye piece\*

**Second observation** Date: \_\_\_\_\_ Aperture of telescope \_\_\_\_\_ cm

weather: Site: \_\_\_\_\_ Magnification \_\_\_\_\_ power \_\_\_\_\_

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▲ 1st page of Jupiter worksheet  
(You can download this worksheet and its instruction manual at our website)

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<http://www-irc.mtk.nao.ac.jp/~webadm/Galileo/>



## What are “You are Galileo” Telescopes?

“You are Galileo” telescopes are telescope kits certified by the IYA 2009 Project Committee. Visit the website of the manufacturers for details.

### ● Hoshi no Techo, Inc

<http://business3.plala.or.jp/starbook/>

Diameter: 40mm

Power: x15 (fixed)

Tube Framework: Engineering Plastic

Price: 1,580 yen/kit

1,050 yen/kit with purchase of 20+ kits. \*  
(shipping and handling not included)



### ● Orbys, Inc

<http://www.orbys.co.jp/>

Diameter: 40mm

Power: x35 (changeable by switching with optional eyepieces)

Tube Framework: Paper

Price: 2,656 yen (made in Japan)

1,890 yen/kit with purchase of 20+ kits \*  
(shipping and handling not included)

Telescope kit (made in Japan) + tripod (made in China)

2,940 yen/kit with purchase of 20+ kits \*  
(shipping and handling not included)



\* These are a special offer for use in IYA 2009 activities. Valid through 2009.

For purchase of less than 20 kits,

Hoshi no Techo, Inc: Order through the website of Hoshi no Techo, Inc. The price will be 1,580 yen/kit + shipping and handling. You can also buy them at some large bookstore in Japan.

Orbys, Inc: Contact Orbys, Inc directly. [info@orbys.co.jp](mailto:info@orbys.co.jp) TEL. +816 (6762) 1538



**The project has already begun!  
Visit our website for details.**

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