[an error occurred while processing this directive]

Activities

Seeing Beyond the Visible

Name: _____ Date: _____

Telescopes have come a long way since the time of Galileo. Astronomers rely on telescopes that see beyond the limits of visible light. This Planet Diary activity shows you views of the universe that are more than the our eyes can see.

Directions

- Go to A Trip to the Land of the Magic Windows from the Space Place to see the universe in "different light." Read down the page to the picture of the Electromagnetic Spectrum. Click the different kinds of waves to learn more about them. You can also get the info by clicking the links in the Workspace table. Use the information to complete the table.
- Continue to Cosmic Colors to see what objects in space look like in different kinds of radiation.
- Check out this Infrared Photo Album. Click *Swap* to move between infrared and natural light views. *Change Picture* takes you forward or back to see more pictures.
- Compare these views of Orion in infrared light. Browse more infrared images from NASA's Spitzer Space Telescope. Visit Chandra X-ray Observatory for X-ray views of the universe. Fermi Gamma Ray Space Telescope has awesome gamma ray movies.

Workspace

Radiation Type	Wavelength Size	Uses in Astronomy
Radio Waves		
Microwaves		
Infrared Radiation		
Visible Light		
Ultraviolet Radiation		
X-Rays		
Gamma Rays		

Copyright © Savvas Learning Company LLC. All Rights Reserved
Privacy Policy Terms of Use Rights and Permissions

Find us on Facebook Follow