

ACTIVITY DIFFERENT TYPES OF LIGHT

LOCATION ASTRONOMY CENTRE

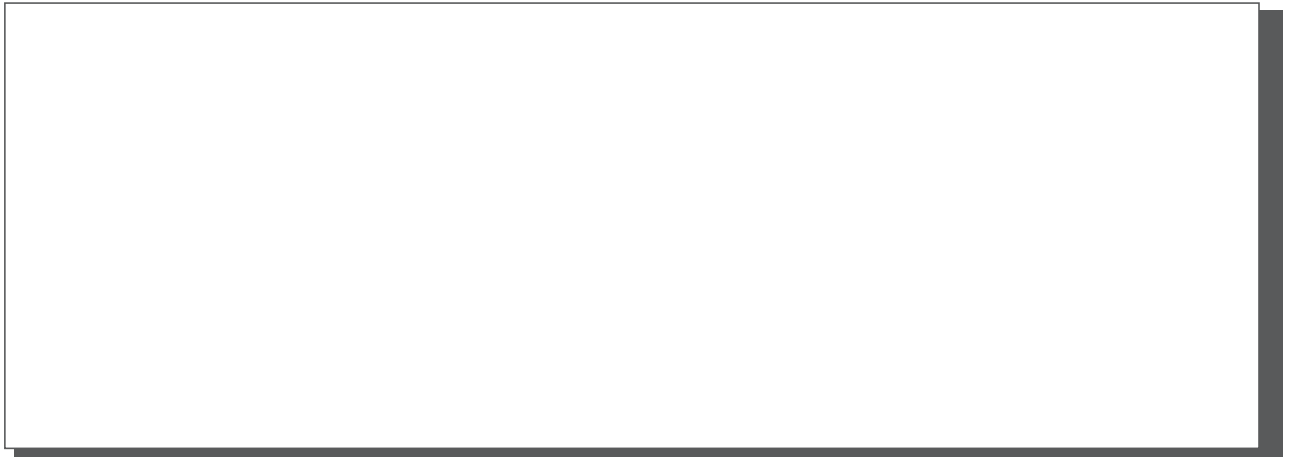


GALLERY ASTRONOMY INSPIRES, EXPLORES, QUESTIONS ///

Go to the *Astronomy Inspires* gallery and watch the video about the Universe. The reason why astronomers know so much about the Universe is because we look at different types of light such as X-ray and infrared. This allows us to see things we wouldn't see with visible light.

Go to the *Astronomy Explores* gallery. Go to the infrared camera. Place your hand under the plate. Describe what happens. ///

Infrared light is used by the police for night-time observations and in objects such as remote controls. Look around the gallery. Who discovered infrared radiation and how was it done?///



Take a look at the multi-wavelength images. Choose an object and move the dial to see it in different wavelengths. Describe what you see.///



Go to the *Astronomy Questions* gallery. Look at the interactive gallery and move the object onto an icon to activate the video.

Select one of these topics: Black Holes, Star Nursery, The Big Bang. What type of light was used to explore this astrophysical phenomenon?///

