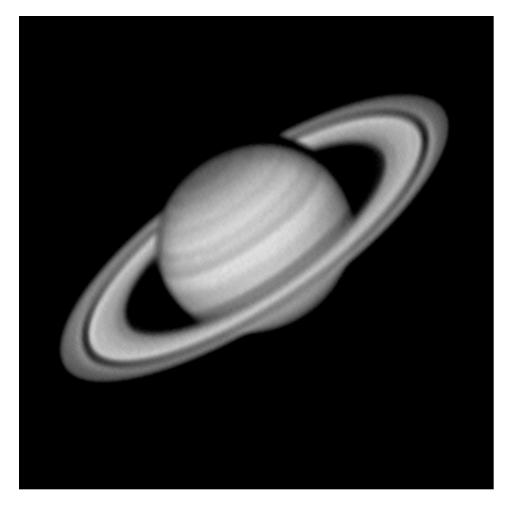


Original idea: Tim Martin, Greensboro Day School; Ted Forte, Back Bay Amateur Astronomers; Rick Rader, Roanoke Valley Astronomical Society

of astronomy and stargazing? Arrange these celestial objects in order of their distance from you.



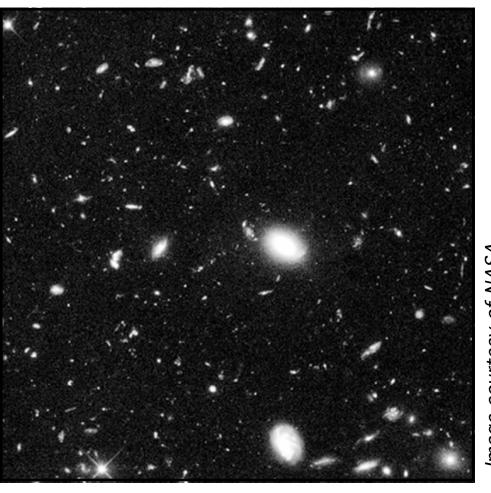
Saturn Image courtesy of Jim Melka, St. Louis Astronomical Society



Galaxy: M51 mage courtesy of Rrian Kimba Longmont Astronomical Society



Oríon Nebula Image courtesy of Brian Kimball, Longmont Astronomical Society



the Hubble Deep Field

Jupíter Image courtesy of James Sweeney, Delaware Valley Amateur Astronomers

Galaxíes revealed ín

Hubble Space Telescope

Answers

In order from our vantage point on Earth:

Hubble Space Telescope — 200 miles Moon - 240,000 miles (= 1.5 light-seconds) **Sun** — 93 million miles (= 8 light-minutes) Jupiter — 450 million miles (= 45 light-minutes) Saturn — 900 million miles (= 0.0001 light-years)**Orion Nebula** — 1600 light-years Milky Way Center — 26,000 light-years M51, the Whirlpool Galaxy — 37 million light-years Hubble Deep Field — over 12 billion light-years

