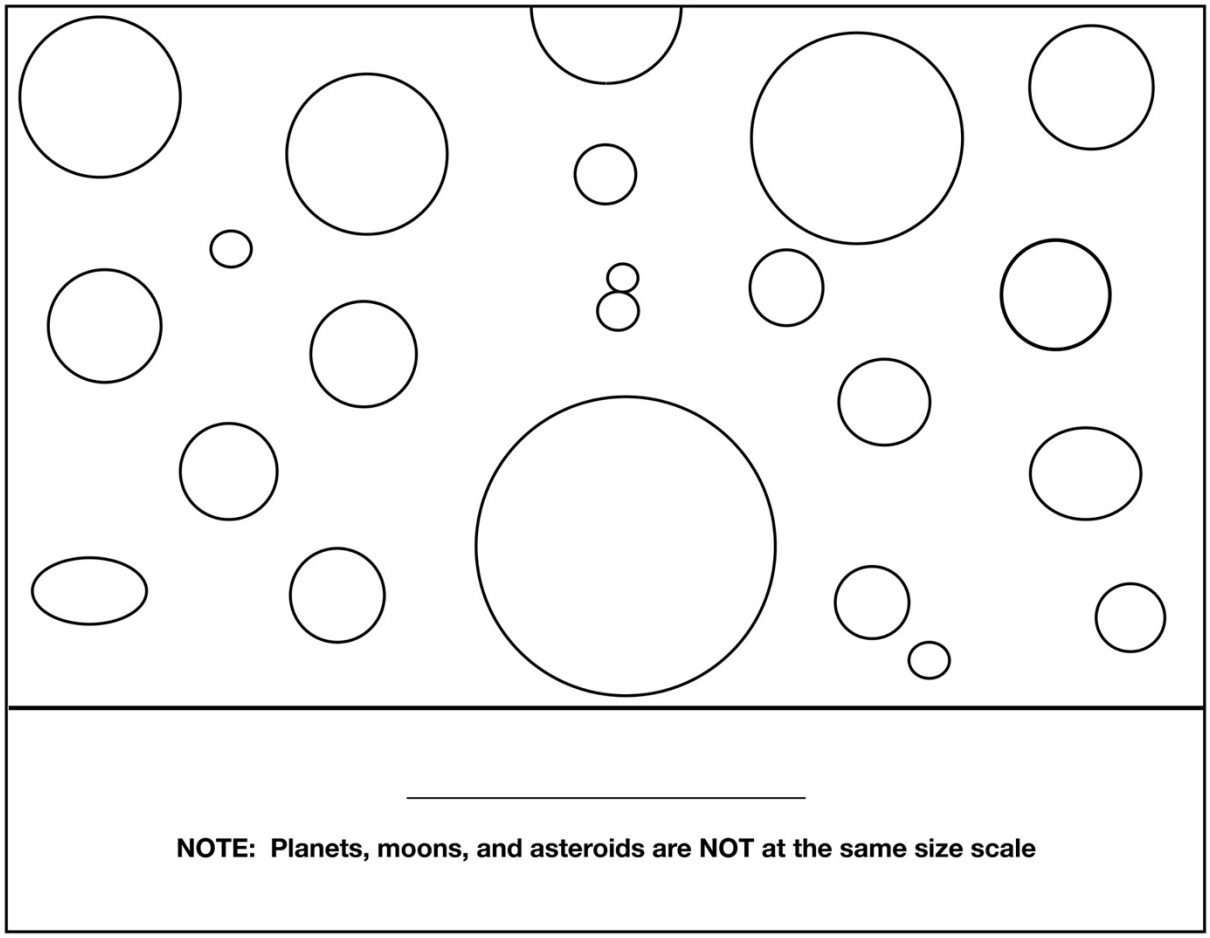
Exploring New Worlds:

How Well Do You Know the Objects of the Solar System?

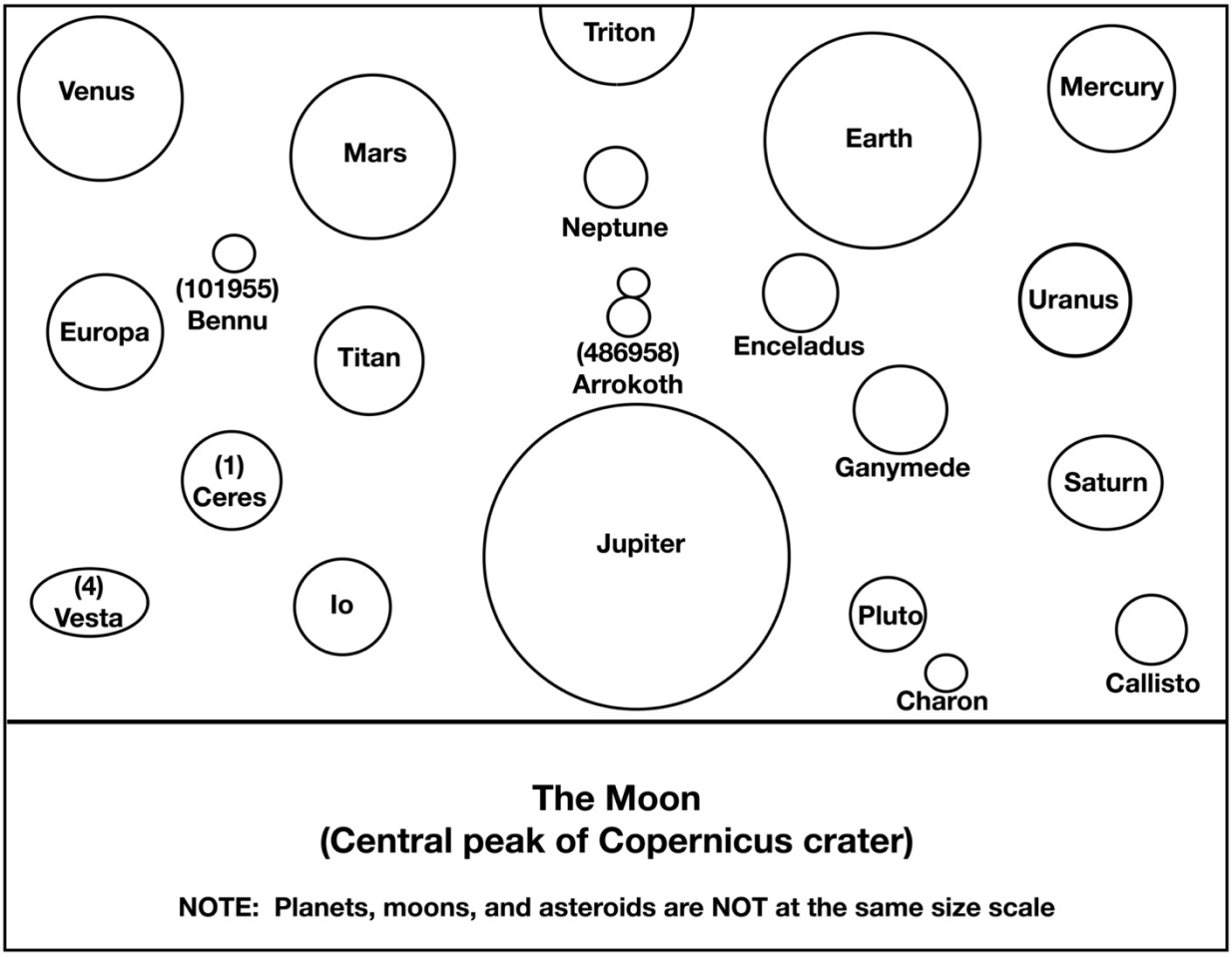
This photographic montage, "**The New Solar System: 2.0**" includes the eight planets of our solar system, two dwarf planets, two asteroids, one Kuiper Belt Object (KBO), the four largest moons of Jupiter, two moons of Saturn, one moon of Neptune, and Pluto and its large moon Charon, which are set against a background of stars. NOTE: These Solar System objects are NOT at the same size scale! The images in this montage were obtained by NASA's robotic planetary missions between 1975 and 2020, which have dramatically changed our understanding of the Solar System in the past 45 years.

Compare with the poster. Can you identify each body in the image montage?



NOTE: Planets, moons, and asteroids are NOT at the same size scale

Here is the map with names to check:



Poster produced by David A. Williams
School of Earth and Space Exploration
Arizona State University
April 8, 2022

Image Sources for The New Solar System, 2.2 Poster

The following table lists planetary objects in order moving outward away from the Sun, including the mission and link for additional information on each object and image.

Object	Mission	URL
Mercury	MESSENGER (US)	https://photojournal.jpl.nasa.gov/catalog/PIA16853
Venus	Magellan (US)	https://photojournal.jpl.nasa.gov/jpegMod/PIA00104_modest.jpg
Earth	Suomi NPP (Japan)	https://solarsystem.nasa.gov/resources/581/earth-by-suomi-npp/?category=planets_earth
Earth's Moon (Foreground)	Lunar Reconnaissance Orbiter (US)	https://www.lroc.asu.edu/posts/675
Near Earth Asteroid (101955) Bennu	OSIRIS-REx (US)	https://www.nasa.gov/sites/default/files/thumbnails/image/bennu-twelve-image-mosaic.png
Mars	Viking (US)	https://astrogeology.usgs.gov/search/map/Mars/Viking/syrtis_major_enhanced
Dwarf Planet (1) Ceres	Dawn (US)	https://photojournal.jpl.nasa.gov/catalog/PIA19619
Asteroid (4) Vesta	Dawn (US)	https://photojournal.jpl.nasa.gov/catalog/PIA15678
Jupiter	Voyager 1 (US)	http://theplanets.org/wp-content/uploads/2014/09/jupiter.png
Jupiter moon Io	Galileo (US)	https://photojournal.jpl.nasa.gov/catalog/PIA02309
Jupiter moon Europa	Galileo (US)	https://photojournal.jpl.nasa.gov/catalog/PIA00502
Jupiter moon Ganymede	Galileo (US)	https://photojournal.jpl.nasa.gov/catalog/PIA01666
Jupiter moon Callisto	Galileo (US)	https://photojournal.jpl.nasa.gov/catalog/PIA01298
Saturn	Cassini (US)	https://photojournal.jpl.nasa.gov/catalog/PIA11141
Saturn moon Titan	Cassini (US)	https://photojournal.jpl.nasa.gov/catalog/PIA02145
Saturn moon Enceladus	Cassini (US)	https://photojournal.jpl.nasa.gov/catalog/PIA07800
Uranus	Voyager 2 (US)	https://photojournal.jpl.nasa.gov/catalog/PIA00032
Neptune	Voyager 2 (US)	https://photojournal.jpl.nasa.gov/catalog/PIA02210
Neptune moon Triton	Voyager 2 (US)	https://photojournal.jpl.nasa.gov/catalog/PIA00317
Dwarf Planet Pluto	New Horizons (US)	https://photojournal.jpl.nasa.gov/catalog/PIA20291

Pluto's moon Charon	New Horizons (US)	https://photojournal.jpl.nasa.gov/catalog/PIA19968
Kuiper Belt Object (KBO) (486958) Arrokoth	New Horizons (US)	https://solarsystem.nasa.gov/resources/2449/enhanced-color-composite-image-of-kuiper-belt-object-arrokoth-2014-mu69/?category=solar-system/kuiper-belt_arrokoth-2014-mu69

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