



Vocabulary Guide!

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Panel 10:

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Comets and
Asteroids Up-close

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Explore Space: Definitions!

Ceres: Dwarf planet Ceres is the largest object in the asteroid belt between Mars and Jupiter and the only dwarf planet located in the inner solar system. It was the first member of the asteroid belt to be discovered when Giuseppe Piazzi spotted it in 1801.

Dinosaur: one of many reptiles that lived on Earth millions of years ago

Envision: to think of (something that you believe might exist or happen in the future) : to picture (something) in your mind

Impact: the act or force of one thing hitting another

Kuiper Belt: a disc-shaped region beyond Neptune. This distant region is probably populated with hundreds of thousands of icy bodies larger than 100 km across and an estimated trillion comets.

Oort Cloud: is believed to be a thick bubble of icy debris that surrounds our solar system. This distant cloud may extend a third of the way from our sun to the next star.

Hurtle: to move or fall with great speed and force

Remnants: the part of something that is left when the other parts are gone

Spherical: having the shape of a sphere

Torus: a surface or solid formed by rotating a closed curve, especially a circle, around a line that lies in the same plane but does not intersect it (e.g., like a ring-shaped doughnut)

Vesta: is the second most massive asteroid in the main belt between Mars and Jupiter. The giant asteroid is almost spherical, and is nearly a dwarf planet.

Definitions are cited from *Merriam-Webster's Learners Dictionary* or nasa.gov

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