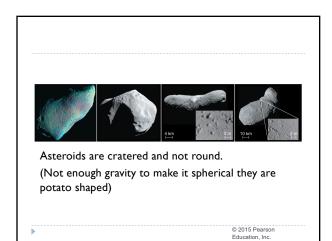
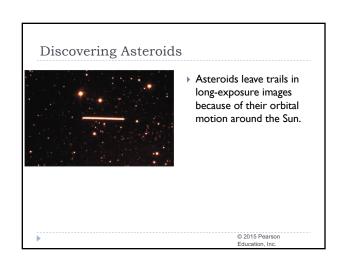
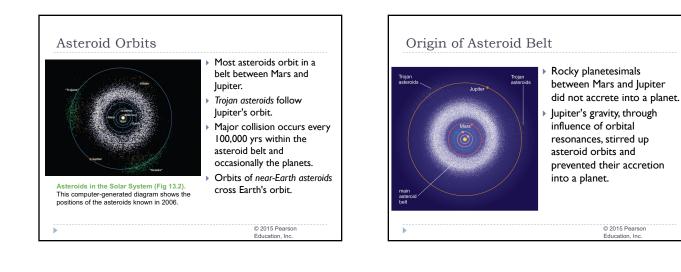


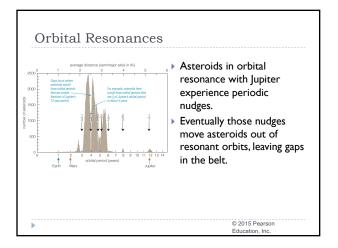
9.1 ASTEROIDS AND METEORITES Most meteorites are pieces of asteroids Meteoroid: Small rocky or metallic body in space. (outside of Earth's atmosphere) Meteor: The bright trail left by a meteorite. (passing through the atmosphere) Meteorite: A rock from space that falls through Earth's atmosphere. (gone through the atmosphere on Earth's surface)

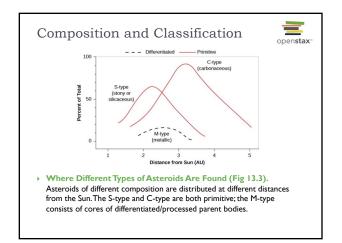
Asteroid Facts Asteroids are rocky leftovers of planet formation. The largest is Ceres, diameter ~1000 km. There are 150,000 listed in catalogs, and probably over a million with diameter >1 km. Small asteroids are more common than large asteroids. All the asteroids in the solar system wouldn't add up to even a small terrestrial planet.

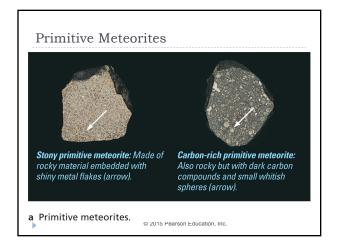


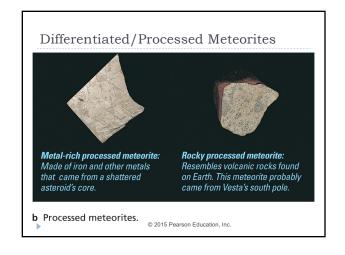


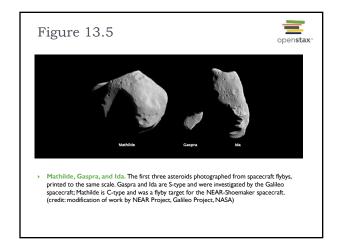


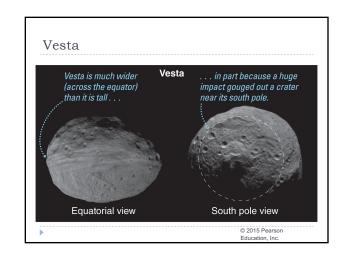


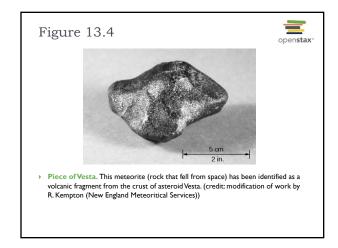


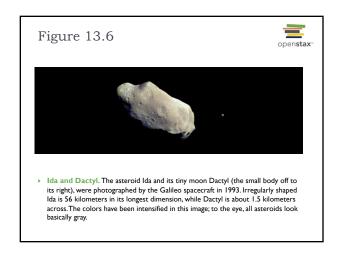


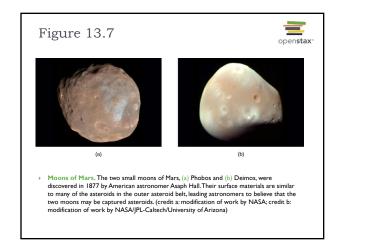


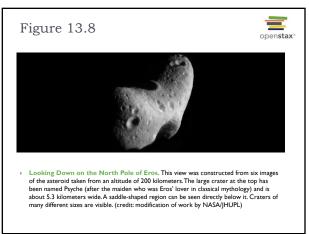


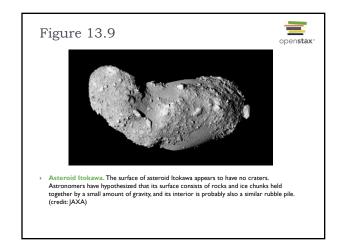


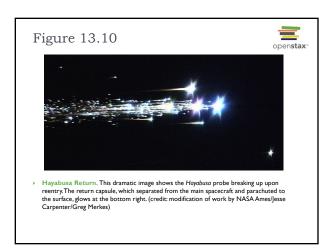


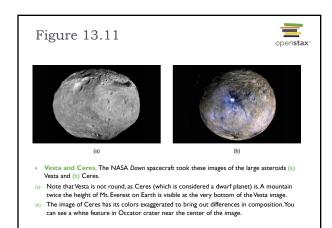


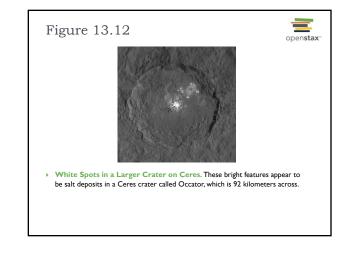


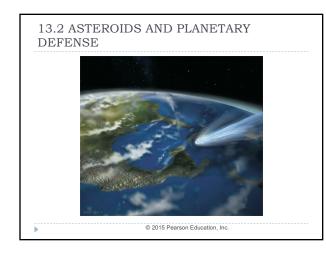


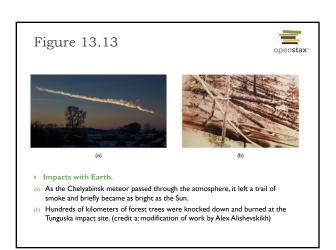




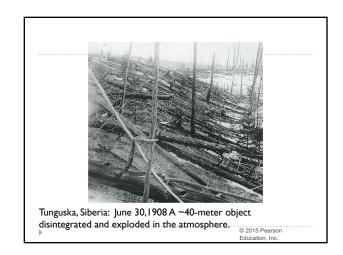




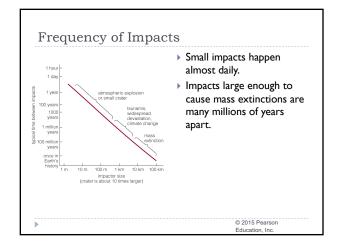


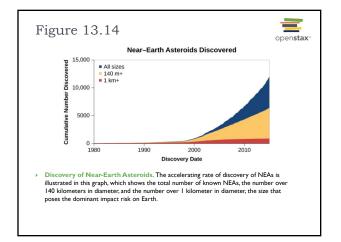


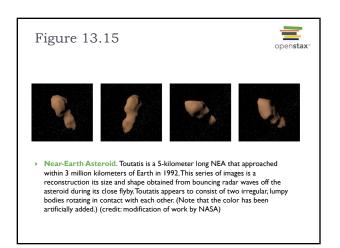


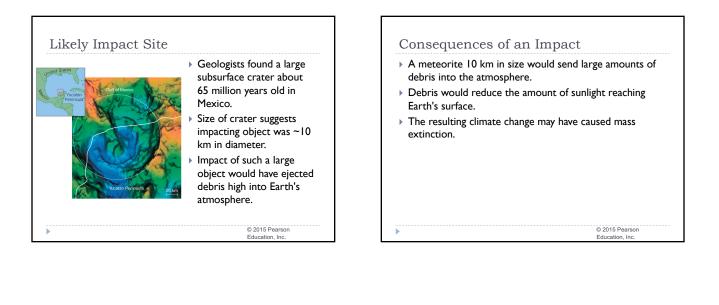


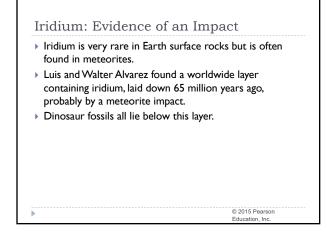


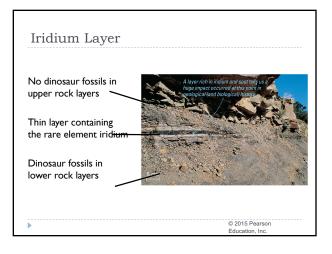


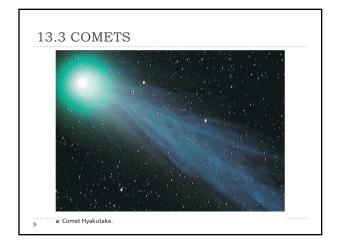


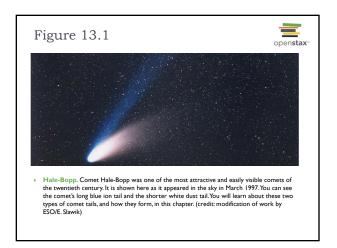


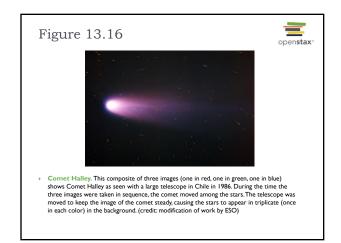


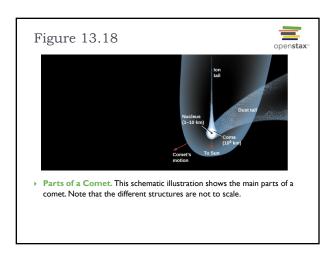


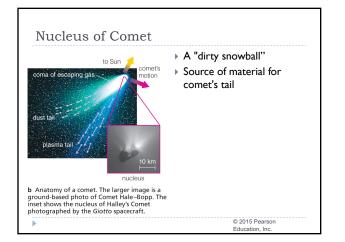


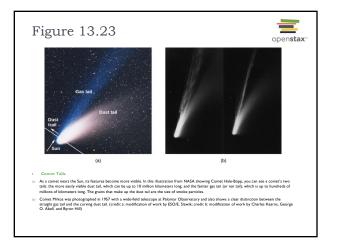


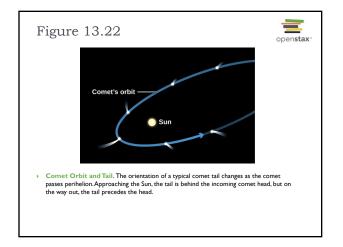


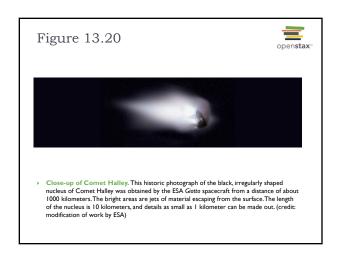


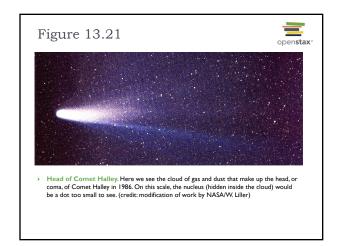


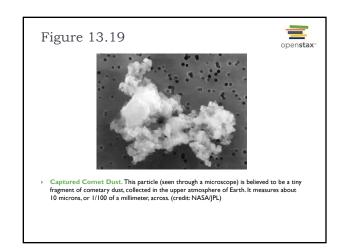


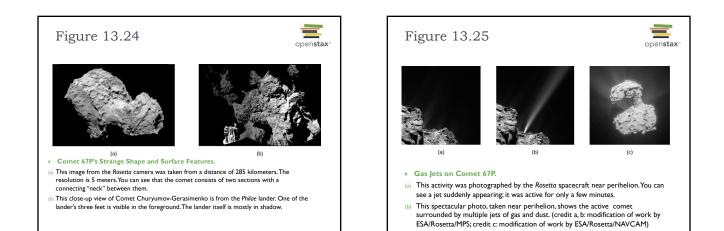


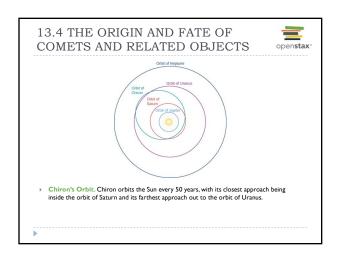


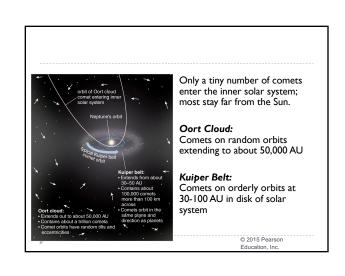


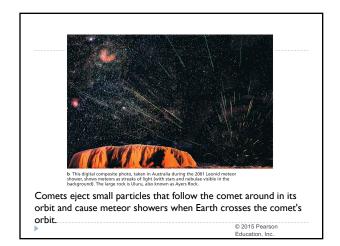


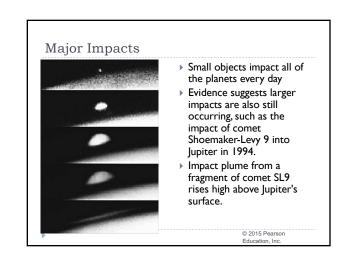


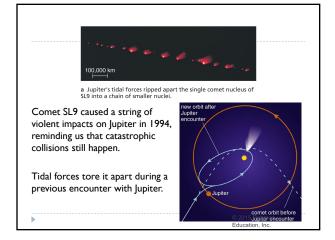


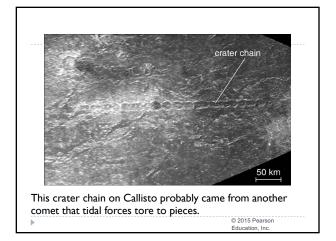


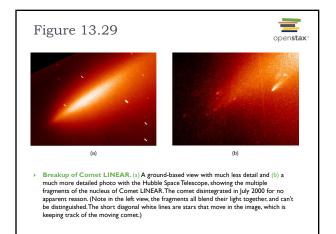


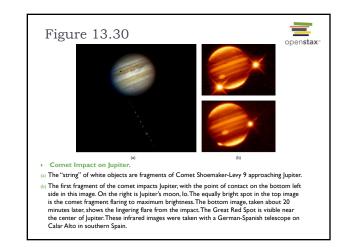


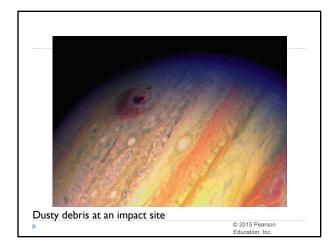


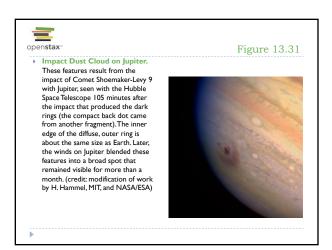


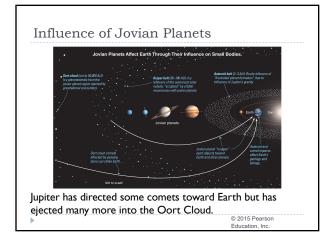


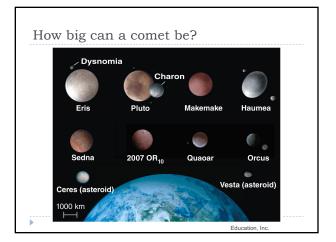












Is Pluto a planet? Much smaller than the eight major planets Not a gas giant like the outer planets Has an icy composition like a comet Has a very elliptical, inclined orbit Pluto has more in common with comets than with the eight major planets.

