

<https://www.youtube.com/watch?v=OqTmSFkBqkg>



The Space Shuttle *Challenger* disaster occurred on January 28, 1986, when Space Shuttle *Challenger* broke apart 73 seconds into its flight, leading to the deaths of its seven crew members. The spacecraft disintegrated over the Atlantic Ocean, off the coast of central Florida



<http://www.youtube.com/watch?v=fSTrmJtHLFU>



The **Space Shuttle *Columbia* disaster** occurred on February 1, 2003, when shortly before it was scheduled to conclude its 28th mission, the Space Shuttle *Columbia* disintegrated over Texas and Louisiana during re-entry into the Earth's atmosphere, resulting in the death of all seven crew members



The loss of *Columbia* was a result of damage sustained during launch when a piece of foam insulation the size of a small briefcase broke off from the Space Shuttle external tank

<http://www.youtube.com/watch?v=h9R131hl4zl>





Asteroids are made up of thousands of small rocky objects.

Asteroid belt is the ring of asteroids.
There is an asteroid belt found between Mars and Jupiter.

meteoroid is a lump of rock or metal that is trapped by the earth's gravity and pulled down through Earth's atmosphere.



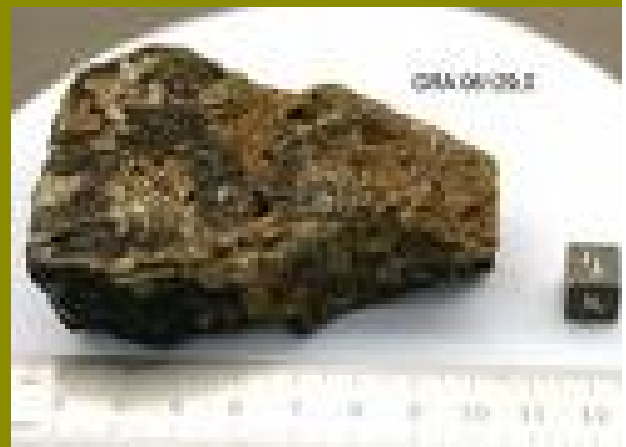
A bright streak of light across the sky is a meteor.



<http://ca.geocities.com/spacephysicsisus/>



If the object hits the earth before vaporizing it is a meteorite.





Comet is a chunk of frozen matter that travels in a very long orbit around the sun.

A galaxy is a huge collection of gas, dust, and hundreds of planets billions of stars and moons.



Comets' tails are caused when the comets get close to the Sun. The outer layers of ice turn into gases that are pushed away from the Sun by the solar winds. These gases glow brightly.



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