



095 Comets and Meteors

[https://www.youtube.com/watch?v=H-g\\_PYO9BUM](https://www.youtube.com/watch?v=H-g_PYO9BUM)

*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.

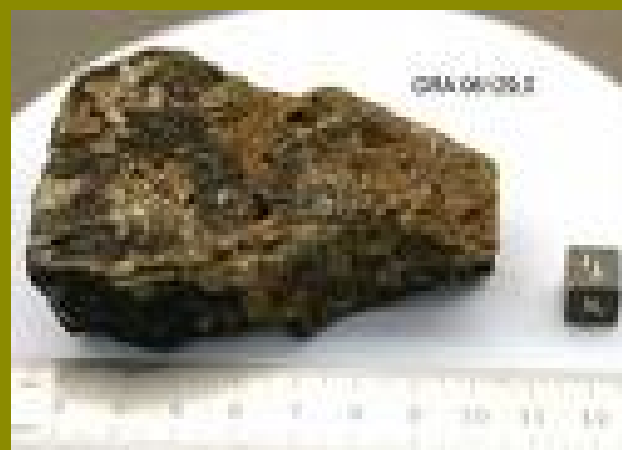


A bright streak of light across the sky is a meteor.



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

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





(HD) Russia Meteor Impact 2013 - Meteor Strike Fireball From Sp...

<http://www.youtube.com/watch?v=dpmXyJrs7iU>

## Manicouagan crater

The **Manicouagan Crater** is one of the oldest known impact craters and is the largest 'visible' impact crater on Earth, located in Québec.

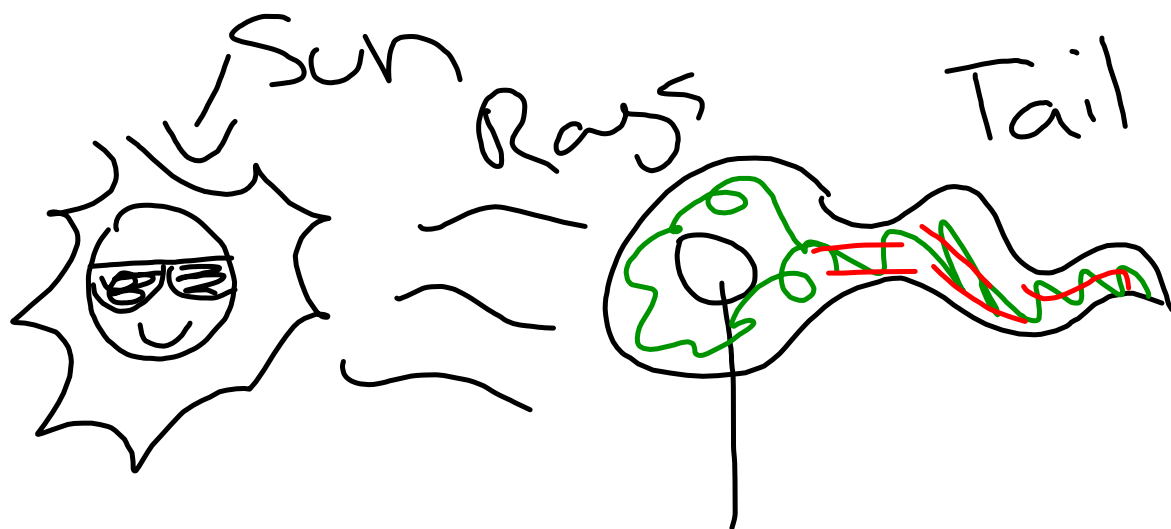


Comet is a chunk of frozen matter that travels in a very long orbit around the sun.

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



As the comet comes close to the sun it begins to melt the frozen ice and gas. As it melts the gas blows behind the comet creating a tail that is lighted (or reflected light) on fire.



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.



# CLASS WORK

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