NCERT - Class 6th - Geography Chapter - 1 - Earth in our Salar system. Atmosphilic Disturbor -Distance of Body Rage 1. fre Celestral Bodies tweinkle Bicause ? But not all - Size and nature alistical Body mighnathe stay · Celestial Bodies - Enerything we see in our sky is celested Body Eg - Sun, Moon, Stars etc Rown shaped - Ly just like Sun But very fran 1/4 Size of Earth Majar celestial Bodius
Majar celestial Bodius other culustial Badius to show up due to high Moon C Hight) - Show repiture to Refliction of light of sum Brightney Huv moon & Phases -> Euron C Recornina) T (Due to Refliction) T ( Amonasya) of light of Sun - 15 Days\_\_\_\_ Page 2 All Celutial Badies other than sun cand moon form some kind of moticable patterns called Constillations -> Wisa major or Big Buar, Saft Rish or small Buar Recagnised by Role star , Brightest star (Narth star in sky or Dhuy star) **UPSC From Home** 

Planatus are state almost spherical shaped celester Bady 2 ( that often veridre around a star ( Do not have own light) syruk moved Planatai -> Wandwary · Satallity are celestial Badies that rendere around Man made Hatwal (tHSAT) (moon) A some planets how (ring) (tHSAT) (moon) A some planets how (ring) around then ( jupiter, saturn, uranus) Rocks and Debry A"Sal" its mame of Sum god > to English mord salar is Durined in Roman Mythology from Roman mard sal Sum, an eight planates, Asteroids, metioroits · Salar System -Sun ~ Earth 150 mill.km > light tranuly this Distance in 8 minutes · Orbit -> Path of any celestral Body continiously rereching around any other celestial Bady Earth Sland on which we live > Vinus is called twin ( Bicause of shape and size Supports of life ( under, oxygen, temprature) Shape > 2/3 Convod by mater (Blue planet. Geord · Aug 2006 - Rhuto mas Diclared Durard planet By Ant. Astronomical Union C Bicanni-Grougular archit, motround, cannot char mighbourhood) JPSC From Home

lage 5

· Earth Austance Moon 384400 km Rotadation and Rudution 27 Days ( ) light lapy 1.3 Stc

· Neil Armstrong ( American) - first person to land on moon on 21 July 1969 Indian? -> Rakish Sharma on April 2 1984 ( Also first Indian to go on space)

Asteroids - Rocks cand debris remoling around sun Between orbit of Mars and jupiter Asteroid Belt Enter Strappers of earth > Meteroists

· Yalany - Unge system of Stars and clouds of gass and Dust our galesy > Milky may

That is it

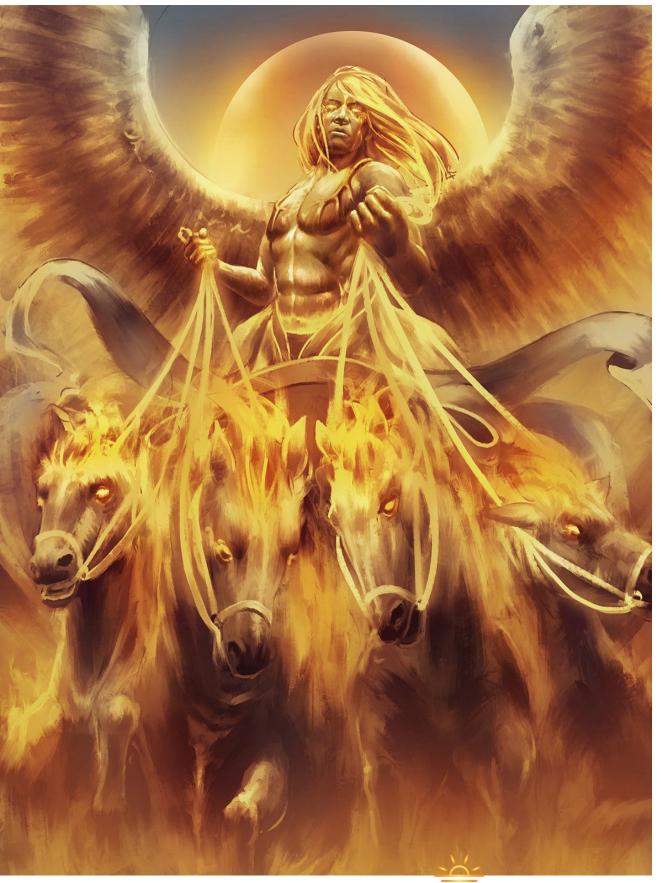




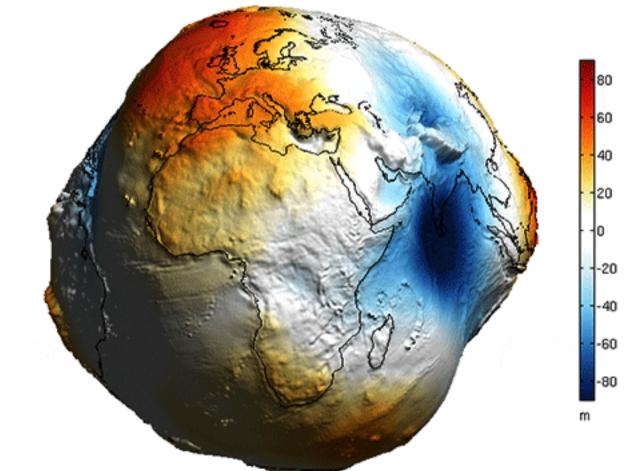












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# 384,400 km

#### Comet

A chunk of ice, rock and dust, which develops a bright coma and tails when it is closer to the Sun (nucleus ~10km wide, coma 1000s of km wide, tails millions of km long)

### Micrometeoroid

A bit of rock or ice, from the size of a speck of dust to a grain of sand (10µm to 2mm wide)

#### Meteoroid

A piece of rock, ice and/or metals, from space dust up to boulders in size (10µm to 1m wide)

> Fireball A meteor that is at least as bright as Venus

#### Bolide

An exceptionally bright fireball that ends with the meteoroid or asteroid exploding

#### Meteor

A streak of light in the sky, produced by a meteoroid entering the atmosphere, either on its own (sporadic) or as part of a meteor shower

#### \*Meteorite shown is NWA 1918-EUC, on display at Toronto's Royal Ontario Museum

## Meteorite

A meteoroid or asteroid that survives its trip to Earth's surface\* to

#### Asteroid

A large object in space, mainly composed of rock and metals, with some ice (1m to 100s of km wide)