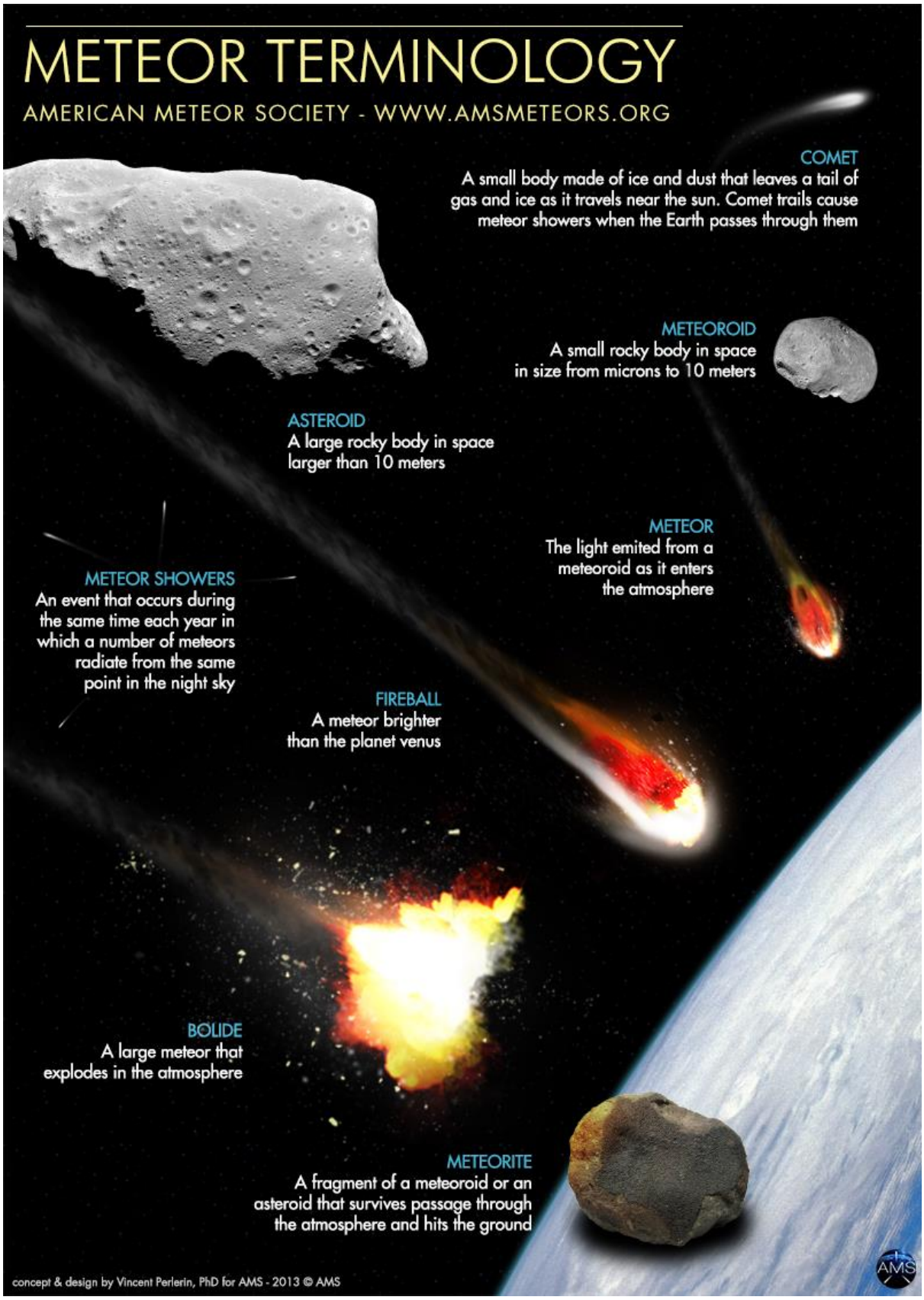
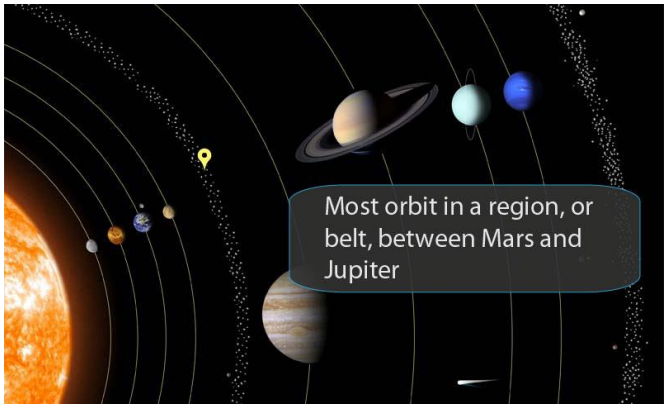
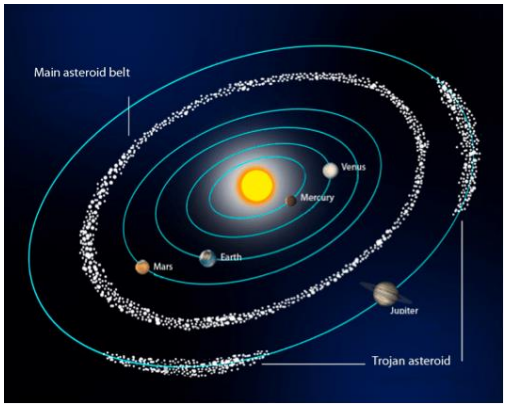
Meteor, Asteroid, Comet



Types	Characteristics
Meteoroid	1. Made of rocks/sands/metal 2. Size is small as a grain 3. Temperature at 0 censius 4. Move freely in space and influence by planet's gravity and moon's gravity 5. Travels at $42kms^{-1}$
Asteroid	1. Size of 1 m to 1000km 2. Made of metal and rocks 3. Temperature approximately -73 Celsius 4. Large asteroid is known as planetoid 5. Made of metal and rocks 6. Classify asteroid into 3 groups (Type C- Carbon, Type S – Silicate, Type M – metal and nickel)
Comet	1. Comet can reach the size of 400 thousands kilometres 2. Made of gas and liquid with dust and rocks 3. Travels around the Sun 4. Speed from $10kmh^{-1}$ to 70 kmh^{-1}

Asteroid Position



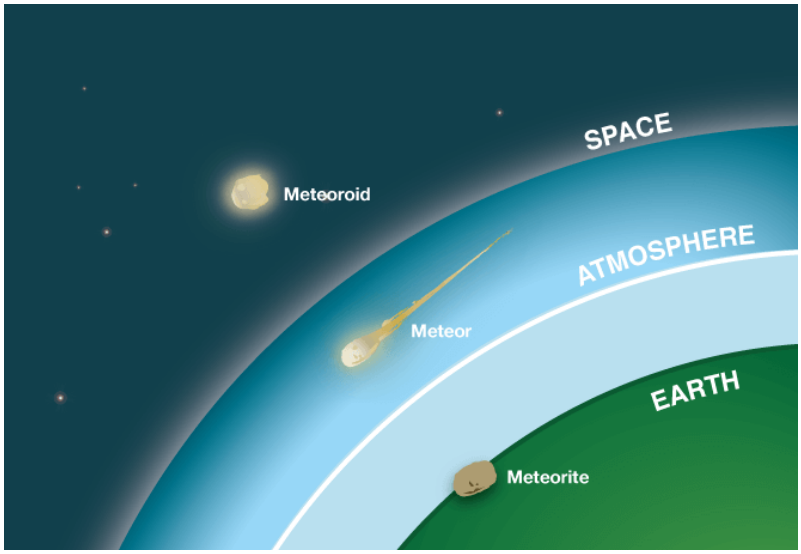


Asteroid Belt

1. Main Asteroid Belt – Between Mars and Jupiter
2. Trojan Asteroid Belt – Follow the Jupiter's orbit
3. Kuiper Asteroid Belt- After our solar system

Meteoroid

1. Travels freely without a proper orbit.
2. Normally Meteoroid is attracted to the gravitational pull of planets



Meteoroid – Floats freely in space

Meteor – When it enters our atmosphere and starts to burnt

Meteorite – When meteor did not finish burning and falls to Earth and create a creator. Oh this is probably the theory how the Dinosaur was eradicated millions of years ago

Comet

1. Travels around the Sun with its own orbit
2. Most of the Comet came from the Kuiper belt
3. The tail of the comet will always face away from the Sun