

Space Rocks

Main Ideas	Supporting Details (Facts)
Asteroids	<ul style="list-style-type: none">• small planetary bodies that revolve around the sun• aka minor planets or planetoids• located in the asteroid belt between Mars and Jupiter• 750,000 asteroids in the belt• unknown origin• size ranges from 20 feet to 580 miles• most have an oval shaped orbit
Comets	<ul style="list-style-type: none">• made of rocks of and ice• three parts:<ul style="list-style-type: none">- nucleus - rocky center (core) ball of ice and rocky dust- coma - cloudy atmosphere- tail - stream of dust behind the comet• light up<ul style="list-style-type: none">- reflected sunlight- absorb energy and glow

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Main Ideas	Supporting Details (Facts)
Comets continued	<ul style="list-style-type: none">• long elliptical orbit• short period comets - orbit is less than 200 years• long period comets - orbit is 200 years or more• Size -<ul style="list-style-type: none">- Nucleus - measures around 10 miles- Coma - Up to 1 million miles- Tail - As long as 100 million miles <p>Originate in the Oort cloud</p>
Meteors	<ul style="list-style-type: none">• bright streak in the sky often referred to as shooting stars• created when a chunk of metal or rocks falls into the Earth's atmosphere• 3 ways to classify space rocks:<ul style="list-style-type: none">- Meteoroids - rocks still in space- Meteors - rocks in the atmosphere- Meteorites - space rocks that reach the surface• Three kinds: stony, iron and stony-iron