


Year 8 - Revision - No 4


What is a Star?



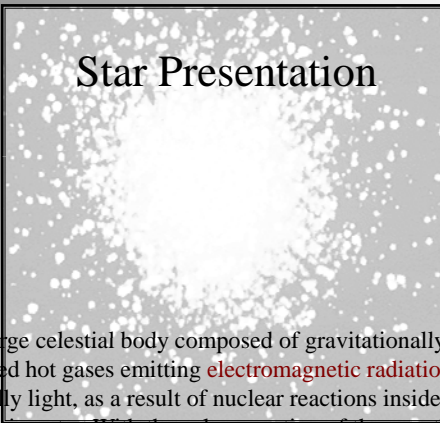
Star Presentation

By Your Name

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Star Presentation




Star, large celestial body composed of gravitationally contained hot gases emitting **electromagnetic radiation**, especially light, as a result of nuclear reactions inside the star. The **sun** is a star. With the sole exception of the sun, the stars appear to be fixed, maintaining the same pattern in the skies year after year.

You will need Illustrator to create the 'Logo' image that appears on all slides. Import Image from Resources.

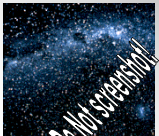


Star Presentation


A star begins life as a large, relatively cool mass of gas, part of a nebula such as the Great Nebula in Orion.



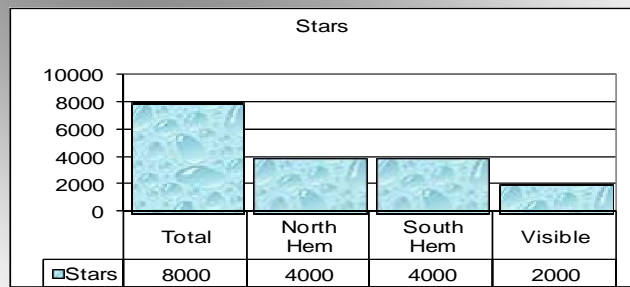
The shining of a main-sequence star is caused by the steady output of vast amounts of energy from the fusion of hydrogen nuclei to form helium.



Eventually the energy supply is exhausted. Stars the size of the sun end their lives as white dwarfs, which are extremely small, dense and hot. Larger stars end in spectacular explosions called supernovae, caused by the abrupt collapse of the stars.



Star Presentation



Category	Number of Stars
Total	8000
North Hem	4000
South Hem	4000
Visible	2000

The number of stars visible to the naked eye from earth has been estimated to total 8,000, of which 4,000 are in the northern hemisphere of the sky and 4,000 in the southern hemisphere.

At the end go back and change the Logo on the first slide to an Animation via Flash!