

Life Cycle of Stars

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| 1. beginning of all stars, cloud of gas and dust | A. Supernova |
| 2. brightest star, white or blue, mass 100 times the sun | B. Average Star |
| 3. uses up most energy, 1000 times the diameter of the sun | C. Planetary Nebula |
| 4. collapsing due to gravity, massive explosion visible for months | D. White Dwarf |
| 5. after supernova, faint, can not be seen with visible light | E. Nebula |
| 6. left over gravity, light can not escape, 4 times the size of the sun | F. Neutron Star |
| 7. our sun, produces own heat and light, lives billions of years | G. Red Super Giant |
| 8. loses its outer layer, creates planetary nebula | H. Massive Star |
| 9. nearing end of stars life, before white dwarf | I. Red Giant |
| 10. small, shrunken remains of stars | J. Black Hole |