Nebula	A cloud of gas and dust in outer space. If massive enough, these can collapse under gravity to form a protostar.
Protostar	The early stage in the formation of a star, before nuclear fusion occurs.
Nuclear fusion	The joining together of two smaller atomic nuclei to produce a larger nucleus. Radiation is released when this happens. Nuclear fusion happens in stars like our Sun, and in hydrogen bombs.



Dwarf planet	An object orbiting a star that is massive enough to be rounded by its own gravity but has not 'cleared the neighbourhood' of other objects and is not a satellite.
Main sequence	A stable stage in the life cycle of a star. Nuclear fusion occurs, fusing hydrogen nuclei into helium nuclei. There is a balance between the outwards radiation and the force of gravity pulling inwards.
Supernova	The large explosion at the end of a large star's life, which distributes much of the elements formed in the star across space.

B B C BITESIZE



