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Components of the Universe and the Big Bang Theory

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| **Across****1.** rocky planets; inner planets**5.** a meteoroid, comet, or asteroid that enters Earth burning up (shooting star)**9.** made up of many planets, moons, stars, and galaxies**13.** small rocky objects that revolve around the sun & are too small to be called planets**14.** the Milky Way is this kind of galaxy**16.** made mostly of ices mixed with smaller amounts of dust and rock (dirty snowball)**17.** a region of spacetime exhibiting such strong gravitational effects that nothing, not even light, can escape**18.** gravitationally bound system that includes the sun & the objects that orbit it**19.** the star at the center of our solar system**20.** gas giants; outer planets | **Down****2.** short wavelengths that show objects moving away from us**3.** a galaxy with no cleanly defined shape**4.** small rocky or metallic body in outer space**6.** there are 8 of these in our solar system**7.** very hot but dim stars**8.** closest planet to the sun**10.** form constellations**11.** long wavelengths that show objects moving away from us**12.** natural satellite that orbits planet Earth**15.** clouds of dust, hydrogen, and helium |