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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 |