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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Components of The Universe and the Big Bang Theory

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|  |  |  |  |  | 11  C | O | M | E | T | S |  | 12  S | T | A | R | N | E | B | U | L | A | E |  | 13  M |  |  |  |  |  |
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|  |  |  |  |  |  | 16  I | R | R | E | G | U | L | A | R | G | A | L | A | X | I | E | S |  |  |  |  |  |  |  |
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| **Across**  **4.** Shift that tells us light close to us?  **8.** Giants cloud of gas and dust?  **11.** A mixture of frozen gases and tiny particles of dust?  **12.** Group of stars which are bounded gravitationally?  **14.** Huge collection of stars?  **15.** Planets (Gas Giants) which surfaces are not solid?  **16.** Galaxy that doesn't have a distinct shape?  **17.** Are made of gases and produce their own heat?  **18.** Matter that does not give off ER?  **19.** Name of the theory of the formation of the universe?  **20.** Shift that tells us light away from us? | **Down**  **1.** Galaxy with 3 main components : Disk, Bulge, and Halo?  **2.** The largest object in our Solar System?  **3.** After moons, next largest objects (rocks) in the Solar System?  **5.** Scientist that discovered the expansion of the Universe?  **6.** A streak of light formed by a space rock burning up as it enters Earth's atmosphere?  **7.** Galaxy that can be shaped partially or spherical?  **9.** Rock that strikes the Earth's atmosphere?  **10.** Planets that have rocky surface and cores made of Iron?  **13.** A natural satellite of a planet? |