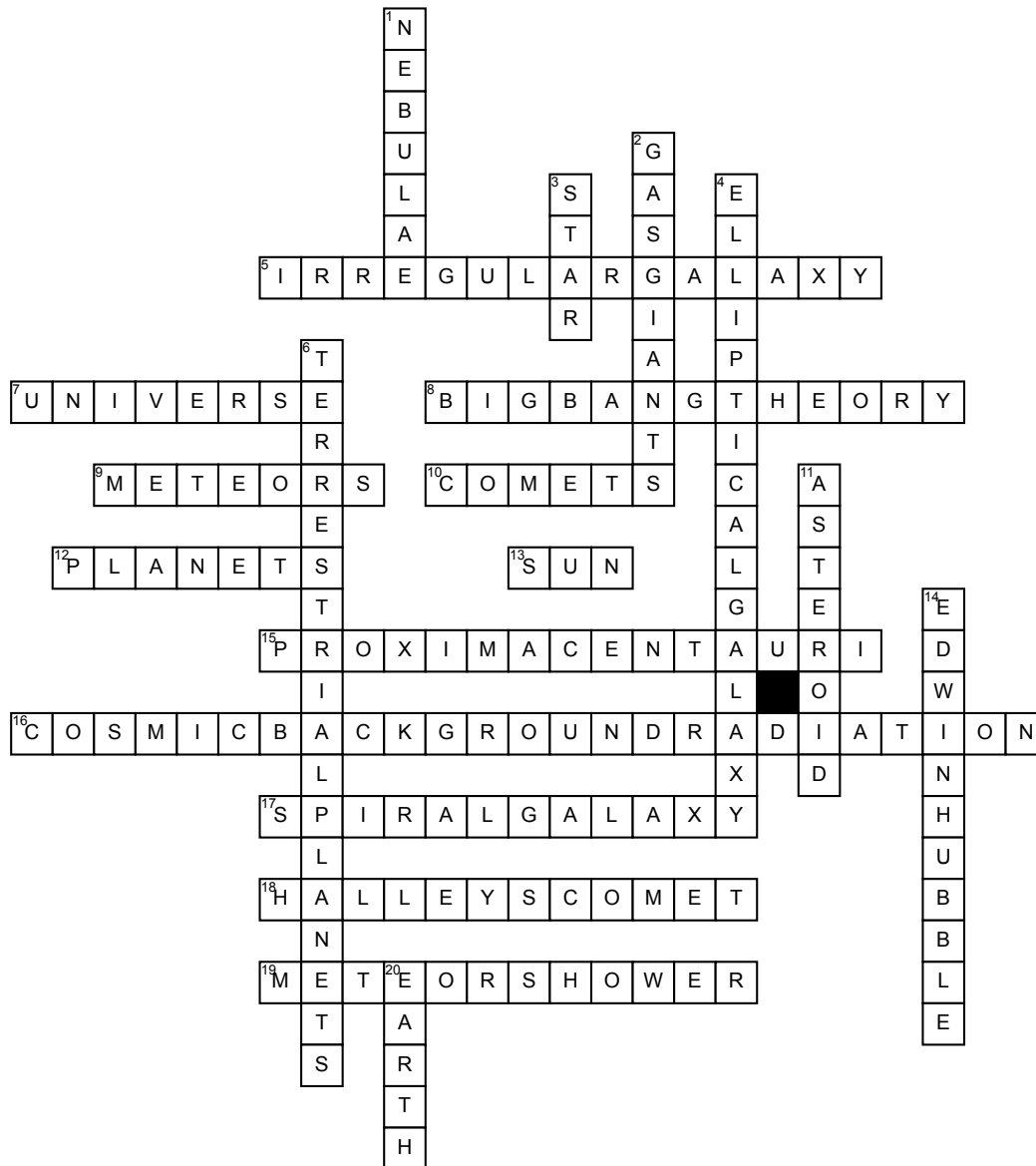


Components of The Universe and The Big Bang Theory



Across

5. distinct, oddly shaped galaxy
 7. All celestial objects are in this; highest classification
 8. idea that a single point held all matter and energy; until it expanded
 9. space rock burning up in earth's atmosphere
 10. dirty snowballs; mixture of frozen gases and dust
 12. Celestial bodies that revolve around the sun (or stars)
 13. the star in our solar system
 15. next nearest star; 150 million km away

16. left over thermal energy from big bang

17. galaxy made of bulge, disk, and halo; you are here
 18. Comet that revolves around the sun once every 76 years
 19. up to 60 meteors can be seen per hour during this

Down

1. Cloud of gas and dust in spaces between stars.
 2. Jovian Planets; have a slushy surface
 3. made of gas; produce their own light and heat

4. shaped like a partially deflated football or basketball; spherical
 6. rocky surface; core of iron
 11. stony, metallic celestial bodies; can be as large as moons; located between mars and jupiter
 14. discovered that distant galaxies show a red shift in light, or longer waves to back the big bang theory that the universe is expanding
 20. planet with iron core; you are here