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

The Solar System (Chapter 15)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | 1  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | O |  |  | 2  A |  | 3  C |  |  |  |  |  |  |  |  |  |  |  |  | 4  G |  |  |  |
|  |  |  |  |  |  |  |  | L |  |  | S |  | O |  |  |  |  |  |  |  |  |  |  | 5  G |  | R |  |  |  |
|  |  |  |  |  |  |  |  | A |  |  | 6  T | E | R | R | E | S | T | R | I | A | L | P | L | A | N | E | T | 7  S |  |
|  |  |  |  |  |  |  |  | R |  |  | E |  | O |  |  |  |  |  |  |  |  |  |  | S |  | E |  | U |  |
|  |  |  |  |  |  |  |  | F |  |  | R |  | N |  |  | 8  R |  |  |  |  |  |  |  | G |  | N |  | N |  |
|  |  |  |  |  |  | 9  M |  | L |  | 10  S | O | L | A | R | W | I | N | D |  |  |  |  |  | I |  | H |  | S |  |
|  |  |  |  |  |  | E |  | A |  |  | I |  |  |  |  | N |  |  |  |  |  |  |  | A |  | O |  | P |  |
|  |  |  |  | 11  A | S | T | E | R | O | I | D |  |  |  |  | G |  |  |  |  |  |  |  | N |  | U |  | O |  |
|  |  |  | 12  H |  |  | E |  | E |  |  | B |  |  |  |  |  |  |  |  |  |  |  |  | T |  | S |  | T |  |
|  |  |  | E |  |  | O |  |  |  |  | E |  | 13  K |  |  |  |  |  |  | 14  C |  |  |  |  |  | E |  |  |  |
|  |  |  | L |  |  | R |  | 15  N | U | C | L | E | U | S |  |  |  | 16  P |  | O |  |  |  |  |  | E |  |  |  |
|  |  |  | E |  |  |  |  |  |  |  | T |  | I |  |  |  |  | L |  | M |  |  |  |  |  | F |  |  |  |
|  |  | 17  O | O | R | T | C | L | O | U | D |  |  | P |  |  | 18  P | L | A | N | E | T |  |  |  |  | F |  |  |  |
|  |  |  | C |  |  |  |  |  |  |  |  |  | E |  |  |  |  | N |  | T |  |  |  |  |  | E |  |  |  |
|  |  |  | E |  |  |  |  |  | 19  S | O | L | A | R | S | Y | S | T | E | M |  |  |  |  |  |  | C |  |  |  |
|  |  |  | N |  |  |  |  |  |  |  |  |  | B |  |  |  |  | T |  |  |  |  |  |  |  | T |  |  |  |
|  |  |  | T |  |  |  |  |  |  | 20  M | E | T | E | O | R | I | T | E |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | R |  |  |  |  |  |  |  |  |  | L |  |  |  |  | S |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | I |  |  |  |  |  |  |  | 21  M | E | T | E | O | R | O | I | D |  |  |  |  |  |  |  |  |  |  |
|  |  |  | C |  |  |  |  |  |  |  |  |  |  |  |  |  |  | M |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 22  D | W | A | R | F | P | L | A | N | 23  E | T |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |  | L |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 24  G | E | O | C | E | N | T | R | I | C |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | P |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 25  C |  |  |  |  |  |  | S |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 26  P | R | O | M | I | N | E | N | C | E |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 27  A | S | T | R | O | N | O | M | I | C | A | L | U | N | I | T |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **6.** the name given to the four inner planets; Mercury, Venus, Earth, Mars  **10.** a stream of electrically charged particles that emanate from the sun's corona  **11.** one of the rocky objects revolving around the sun that are too small and numerous to be considered planets  **15.** the central core of an atom which conatins protons and nuetrons OR/ALSO the solid core of a comet  **17.** a spherical region of comets that surrounds the solar system  **18.** an object that orbits a star, is large enough to have become rounded by its own gravity, and has cleared the area of its orbit  **19.** the system consisting of the sun and the planets and other objects that revolve around it  **20.** a meteoroid that passes through the atmosphere and hits Earth's surface  **21.** a chuck of rock or dust in space, generally smaller than an asteroid  **22.** an object that orbits the sun and is spherical, but has not cleared the area of its orbit  **24.** term describing a model of the universe in which Earth is at the center of the revolving planets and stars  **26.** a huge reddish loop of gas that protrudes from the sun's surface, linking parts of sunspot regions  **27.** a unit of distance equal to the average distance between Earth and the Sun | **Down**  **1.** an eruption of gas from the sun's surface that occurs when the loops in sunspot regions suddenly connect  **2.** the region of the solar system between the orbits of Mars and Jupiter, where many asteroids are found  **3.** the outer layer of the sun's atmosphere  **4.** the trapping of heat near a planet's surface by certain gases in the planet's atmosphere  **5.** the name often given to the outer planets: Jupiter, Saturn, Uranus, Neptune  **7.** a dark area of gas on the sun's surface that is cooler than surrounding gases  **8.** a thin disk of small ice and rock particles surrounding a planet  **9.** a streak of light in the sky produced by the burning of a meteoroid in Earth's atmopshere  **12.** term describing a model of the solar system in which Earth and the other planets revolve around the sun  **13.** a region where many small objects orbit the sun and taht stretches from beyond teh orbit of Neptune to about 100 times Earth's distance from the Sun  **14.** a loose collection of ice and dust that orbits the sun, typically in a long, narrow orbit  **16.** one of the small asteroid-like bodies that formed the building blocks of the planets  **23.** an oval shape, which may be elongated or nearly circular; the shape of the planets' orbits  **25.** the fuzzy outer layer of a comet |