Solar System

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | 1  T | E | R | R | A | F | O | R | M |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  M |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 3  K |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 4  G | R | E | E | N | H | O | U | S | E | E | F | F | E | C | T |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  | R |  |  | 5  S |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 6  D | W | A | R | F | P | L | A | N | E | T |  | O |  |  | P |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  | G |  |  | A |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | R |  |  |  | 7  O |  |  | R |  |  | C |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | B |  | 8  H | A | B | I | T | A | B | L | E |  |  |  |  |  |  |
|  |  |  |  |  |  | 9  A |  |  |  |  | 10  S |  | E |  |  |  | S |  |  | V |  |  | S |  |  | 11  G |  |  | 12  C |
|  |  | 13  E |  |  |  | S |  |  | 14  S | A | T | E | L | L | I | T | E |  | 15  L | I | G | H | T | Y | E | A | R |  | O |
|  |  | X |  |  |  | T |  | 16  C |  |  | A |  | T |  |  |  | R |  |  | T |  |  | A |  |  | L |  |  | M |
|  |  | O |  | 17  N |  | E |  | E |  |  | R |  |  |  | 18  A |  | V |  |  | Y |  |  | T |  |  | A |  |  | P |
|  |  | P |  | A |  | R |  | L |  |  |  |  |  |  | T |  | A |  |  |  |  |  | I |  |  | X |  |  | O |
| 19  T | E | L | E | S | C | O | P | E |  |  |  |  | 20  C | O | M | E | T |  |  |  | 21  M | O | O | N |  | Y |  |  | S |
|  |  | A |  | A |  | I |  | S |  |  |  |  |  |  | O |  | O |  |  | 22  P |  |  | N |  |  |  |  |  | I |
|  |  | N |  |  |  | D |  | T |  | 23  T | E | R | R | E | S | T | R | I | A | L |  |  |  |  |  |  |  |  | T |
|  |  | E |  |  |  |  |  | I |  |  |  |  |  |  | P |  | Y |  |  | A |  |  |  |  |  |  |  |  | I |
|  |  | T |  |  |  |  |  | A |  |  |  |  |  |  | H |  |  |  |  | N |  |  |  |  |  |  |  |  | O |
|  |  |  |  |  |  |  |  | L |  |  | 24  S | P | A | C | E | P | R | O | B | E |  |  |  |  |  |  |  |  | N |
|  |  |  |  | 25  B |  |  |  | B |  |  |  |  |  |  | R |  |  |  |  | T |  |  |  |  |  |  |  |  |  |
|  |  | 26  G | O | L | D | I | L | O | C | K | 27  S | Z | O | N | E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | A |  |  |  | D |  |  | P |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | C |  |  |  | Y |  | 28  M | I | L | K | Y | W | A | Y |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | K |  |  |  |  |  |  | N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | H |  |  |  |  |  | 29  S | O | L | A | R | S | Y | S | T | E | M |  |  |  |  |  |  |  |  |  |
|  |  |  |  | O |  |  |  |  |  |  | F |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | L |  |  |  |  |  |  | F |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 30  R | O | V | E | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **1.** to transform a planet to resemble the Earth, so it can support human life  **4.** heating of the atmosphere caused by trapping of solar radiation by gases such as carbon dioxide and methane  **6.** a celestial body that orbits the Sun and is round or nearly round, but has not cleared its orbital pathway of other objects  **8.** suitable for human life  **14.** a natural or artificial (man-made) object in orbit around a celestial body  **15.** the distance light travels in one year, about 6 trillion miles  **19.** an optical instrument designed to make distant objects appear nearer  **20.** a celestial object that travels around the Sun in a highly elliptical orbit, made of ice and dust with a gaseous tail  **21.** a natural satellite of a planet  **23.** relating to the Earth or solid land  **24.** an unmanned spacecraft with instruments designed to send information back to Earth  **26.** the distance from a star where the temperature could be right for liquid water to exist  **28.** the spiral galaxy that contains our Solar System  **29.** a group of planets or celestial bodies that revolve around a sun  **30.** a vehicle driven by remote control over rough extraterrestrial terrain | **Down**  **2.** very weak gravity; weightlessness  **3.** A region of icy celestial bodies orbiting the Sun beyond Neptune  **5.** a large spacecraft orbiting Earth, where astronauts from many countries live and conduct scientific experiments  **7.** a building built to contain an astronomical telescope  **9.** a small rocky body orbiting the Sun, found between the orbits of Mars and Jupiter  **10.** a celestial body that produces radiant energy through the process of nuclear fusion  **11.** a group of millions or billions of stars held together by gravity  **12.** the combination of materials or elements that make up a whole  **13.** a planet that orbits a star outside our Solar System  **16.** any natural object outside the Earth's atmosphere  **17.** National Aeronautics and Space Administration  **18.** the layer of gases surrounding a celestial body  **22.** a celestial body that orbits the Sun, is round, and has cleared its orbital pathway of other objects  **25.** a region of space with such strong gravity that no matter or light can escape from it  **27.** technology originally developed for mission needs that has become useful for the public |