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

Sun, Moon and Earth

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 1  U |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  D |
|  |  |  |  | 3  M | O | O | N |  |  |  | 4  A |  |  |  |  |  |  |  | W |
|  |  |  |  | B |  |  |  |  |  |  | X |  |  |  |  |  |  |  | A |
|  |  |  |  | R |  | 5  N |  |  |  |  | I |  |  |  |  |  |  |  | R |
|  | 6  L | U | N | A | R | E | C | L | I | P | S | E |  |  |  |  |  |  | F |
|  |  |  |  |  |  | A |  |  |  |  |  |  | 7  E |  |  |  |  |  | P |
| 8  P |  |  | 9  L | E | A | P | Y | E | A | R |  |  | Q |  |  |  |  |  | L |
| E |  |  |  |  |  | T |  |  |  |  | 10  W |  | U |  |  |  |  |  | A |
| N |  | 11  G | R | A | V | I | T | Y |  |  | I |  | A |  |  |  |  |  | N |
| U |  |  |  |  |  | D |  |  |  |  | N |  | T |  |  | 12  A |  |  | E |
| M |  | 13  S |  |  | 14  R | E | V | O | L | U | T | I | O | N |  | S |  |  | T |
| B |  | P |  |  |  |  |  |  |  |  | E |  | R |  |  | T |  |  | S |
| R |  | R |  |  |  | 15  M | E | 16  R | C | U | R | Y |  | 17  E | A | R | T | H |  |
| A |  | I |  |  |  |  |  | O |  |  |  |  |  |  |  | O |  |  |  |
|  |  | N |  | 18  C | O | N | S | T | E | L | L | A | T | I | O | N |  |  |  |
|  |  | G |  |  |  |  |  | A |  |  |  |  |  |  |  | O |  |  |  |
|  |  | T |  |  |  | 19  Y |  | T |  |  |  | 20  F | U | L | L | M | O | O | N |
|  |  | I |  |  |  | E |  | I |  |  |  |  |  |  |  | Y |  |  |  |
|  |  | D |  | 21  S | E | A | S | O | N | S |  |  |  |  |  |  |  |  |  |
|  |  | E |  |  |  | R |  | N |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **3.** This takes 27.3 days to orbit earth (4)  **6.** This is caused when the Moon blocks the light from the sun (5,7)  **9.** This happens every 4 years (4,4)  **11.** This force causes water to be dragged towards the Sun and Moon.  **14.** It takes a year for the Earth to orbit the Sun. Also know as a \_\_\_\_\_\_\_\_ (10)  **15.** The closest planet to the Sun.  **17.** The third planet from the Sun.  **18.** A group of stars forming a recognisable pattern  **20.** You are likely to get this type of Moon during a Spring tide (4,4)  **21.** Winter, Spring, Autumn, Summer (7) | **Down**  **1.** You have a total eclipse in this shadow (5)  **2.** Small planets (5,6)  **4.** The imaginary line that runs through the Earth (4)  **5.** The smaller tide during a first or third quarter Moon (4,4)  **7.** The line separating the two Hemispheres (7)  **8.** When you are in this shadow you have a partial eclipse (8)  **10.** When it's summer in the Nothern Hemisphere it's \_\_\_\_\_\_\_\_\_\_\_ in the Southern Hemisphere (6)  **12.** The study of space (9)  **13.** The largest type of tide (6,4)  **16.** It takes Earth 24 hours to do one of these (8)  **19.** 365 days |