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

Sun, Moon and Earth

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