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

Simple Machines

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

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| **Across**  **1.** Simple machine that has a straight, slanted surface  **4.** Most common type of lever  **5.** All inclined planes must have this kind of angle  **7.** The FE/FR  **8.** Made up of a twisted inclined plane  **10.** Two simples machines made into one  **11.** A lever where the effort force is between the resistance force and the fulcrum  **13.** The type of pulley where the effort force is the same but the direction is changed  **14.** Has two circular objects that are different sizes  **15.** A machine that makes life easier | **Down**  **2.** A lever where the resistance force is between the effort force and fulcrum  **3.** Simple machine that uses a wheek to pull a rope or cable  **6.** The DE/DR  **9.** Simple machine that has a bar and pivots at a fixed point  **12.** Made up of two inclined planes |