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

Industrial Revolution

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|  |  |  |  |  |  |  |  |  | 1  A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  | 3  H | E | N | R | Y | F | O | R | D |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | 7  G |  |  | D |  |  |  |  |  |  |  | R |  |  |  |  | 8  R |  |  |  |  | Y |  | L |
|  |  |  | 9  J | A | M | E | S | K | A | Y |  |  |  |  |  | 10  L | I | G | H | T | B | U | L | B |  |  | R |  | E |
|  |  |  |  |  |  | O |  |  | R |  |  |  |  |  | 11  J |  | G |  |  |  |  | D |  |  | 12  S |  | U |  | X |
|  |  |  | 13  R |  |  | R |  |  | B |  |  |  | 14  J |  | O |  | H |  | 15  N | I | K | O | L | A | T | E | S | L | A |
|  |  |  | O |  |  | G |  |  | Y |  |  |  | A |  | H |  | T |  |  |  |  | L |  |  | E |  | F |  | N |
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|  | 21  T | H | O | M | A | S | E | D | I | S | O | N |  |  |  |  |  |  |  | U |  |  |  |  |  |  |  |  | M |
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|  |  |  |  |  |  | N |  | 22  F | R | A | N | C | I | S | L | O | W | E | L | L |  |  |  |  |  |  |  |  | E |
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| **Across**  **2.** An American inventor who created the cotton gin  **3.** He developed and manufactured the first automobile  **9.** A British inventor who developed a successful wet spinning process for flax in 1824  **10.** A glass bulb  **15.** Best known for his contributions to the design of the modern alternating current  **16.**  He invented the telegraph  **18.**  A machine that quickly and easily separates cotton fibers from their seeds  **20.** A powered flying vehicle with fixed wings and a weight greater than that of the air it displaces  **21.** Created the electric light bulb and phonograph  **22.** He was instrumental in bringing the Industrial Revolution to the U.S  **23.** Patented the first practical sewing machine  **24.** He invented the Kodak camera | **Down**  **1.** Invented coke smelting  **4.** Invented and built the worlds first successful airplane  **5.** created the Atlantic Telegraph Company and laid the first telegraph cable across the Atlantic Ocean in 1858  **6.** One of the primary inventors of the telephone  **7.** He built the first public inter-city railway line in the world to use steam locomotives  **8.** He invented the diesel engine  **11.** He invented a new process for building roads  **12.** An engine that uses the expansion or rapid condensation of steam to generate power  **13.** He invented the steamboat  **14.** A Scottish inventor who invented the steam engine  **17.** He funded the design and construction of some of the first factory houses for spinning machines during the American industrial revolution  **19.** He was a co-developer of the Morse code |