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

Scientific Investigation Vocabulary

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

|  |  |
| --- | --- |
| **Across**  **3.** tool used to measure volume  **6.** procedure, plan, or directions scientists follow when doing investigations  **10.** possible answer to a question or problem  **13.** skill using one or more senses to gather information and data  **14.** written record used by scientist to share results of an experiment  **15.** all factors and materials remaining the same in experiment  **16.** proven hypothesis due to many experiments and consistent days  **17.** standard that other conditions are compared to in experiment  **18.** one factor scientist changes to test hypothesis in an experiment  **21.** tool used to measure mass  **24.** "make or create"an experiment  **25.** experiment done several times  **26.** think about and study data  **27.** diverse ways scientists study natural world  **28.** amount of space an object takes up | **Down**  **1.** forecast on what may happen in future situations  **2.** tool used to measure length  **4.** well tested concept explaining wide range of observations  **5.** process of studying results and data to find patterns  **7.** amount of matter in an object  **8.** experiment which all variables except one stays the same  **9.** factor that changes due to changes made to the independent variable in an experiment  **11.** interpretation of an observation based on evidence about events that have already occurred  **12.** facts, figures, and other evidence gathered by observations  **19.** fair test driven by a hypothesis  **20.** any factor that can change in an experiment  **22.** distance between two points  **23.** statement or sentence explaining what you discovered in your experiment |