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Scientific Investigation Vocabulary

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| **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 |