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Vocabulary Scientific Method

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| **Across**  **7.** comparing what you already know with the information you are giving in order to decide whether you agree with it.  **9.** an explanation of observations or events that is based on knowledge gained from many observations and investigations.  **10.** the investigation and exploration of natural events and the new information that results from those investigations.  **12.** a spoken or written summary of observations.  **13.** the act of using one or more of your senses to gather information and taking notes of what occurs.  **14.** a rule that describes a pattern in nature.  **15.** a process of inspecting,cleaning,transforming and modeling data with the goal of discovering useful information,suggesting conclusions, and decision-making | **Down**  **1.** Observation using your senses .  **2.** a process that uses a set of skills to answer questions or to test ideas about the natural world. (an inquiry)  **3.** observation using numbers or measurements.  **4.** a statement of what will happen next in a sequence of events.  **5.** The action of investigating something or someone;formal or systematic examination or research.  **6.** a possible explanation for an observation that can be tested by scientific investigations.  **8.** a logical explanation of an observation that is drawn from prior knowledge and or explanation.  **11.** an interpretation of observations. |