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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. |