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Nature of Science

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| **Across****3.** An educated guess**4.** a factor that changes in response to the independent variable**6.** variable that purposely changed to test a hypothesis**8.** final; last step in scientific process**9.** First step in scientific process**10.** to use information to come to a conclusion about an experiment**14.** data,measurements, and observation that have been collected through scientific method**16.** testing your hypothesis**17.** repetition of an experiment**18.** factors that stays the same in an experiment (constant)**19.** facts, figures, evidence gathered through observation | **Down****1.** using your senses to understand your surroundings**2.** explaining what you observe (not a guess)**5.** a well-tested explanation for a wide range of observation or experimental results**7.** search for answers**11.** representation of an idea, process, or object**12.** the (SI) measurement for liquid**13.** a statement that describes what scientist expect to happen in certain conditions**15.** correct |