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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 |