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Unit One Vocabulary

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| **Across**  **3.** Desirable features of a solution  **7.** The materials that can be used to meet a need  **9.** The answer to the problem  **10.** a model used for testing a solution  **11.** To make a solution as good as possible | **Down**  **1.** Limits what you are trying to do  **2.** Figuring out what went wrong and why  **4.** Steps that engineers use to solve problems  **5.** To imagine all possible solutions  **6.** The process of designing new or improved technology  **8.** A test with no advantage to the object being tested |

   Constraint       Criteria       Design Process       Prototype       Resources       Engineering       Failure Analysis       Fair Test       Optimize       Brainstorm       Solution