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Physics Intro

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| **Across**  **3.** describe something using numbers and units  **5.** a physical quantity that has both magnitude and direction  **9.** describe something using words  **11.** the number of cycles of periodic motion completed in a unit of time  **13.** an information gathered by using one or more of the five senses  **14.** the natural world or ecosystem  **15.** the study of the relationships between matter and energy | **Down**  **1.** a body of knowledge or facts  **2.** a collection of ideas validated by many scientists to explain natural phenomena  **4.** a representation of a phenomenon in a variety of forms  **6.** a physical quantity that has only a magnitude or size  **7.** science, technology, society and the environment  **8.** the time required for an object to complete one cycle of its repeated pattern of motion  **10.** an applied science  **12.** a group of people in a particular place linked by common goals |