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WAVES

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| **Across**  **3.** low point of a wave  **8.** the height of a wave's peaks above the resting line  **9.** to soak up  **10.** the study of sound  **12.** a back and forth pattern of motion through which energy travels  **13.** the energy of motion | **Down**  **1.** the rate of a repeating event  **2.** a wave that must travel through a medium  **4.** a wave in which the medium is compressed in the same direction as the wave's movement  **5.** speed  **6.** a physical or digital model of a new design  **7.** a material (solid, liquid or gas)  **11.** a giant wave, usually caused by a natural disaster |

   velocity       frequency       wave       mechanical wave       tsunami       kinetic energy       prototype       trough       absorb       compression wave       acoustics       medium       amplitude