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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