Enzymes

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| **Across****4.** What substance made by living beings acts as a catalyst to bring about a biochemical reaction?**6.** What is the name for destroying the properties of molecule by heat or acidity?**7.** What is the digestive enzyme that breaks down proteins into amino acids?**8.** What describes the intensity of heat in the atmosphere or a substance?**10.** What is the place where an enzyme and a substrate molecule react? **11.** What is the perfect temperature, light and moisture for growth and reproduction called?**12.** what is the acidity or alkalinity of a solution called?  | **Down****1.** What is it called when a substrate molecule interacts with the active site of an enzyme?**2.** What is the enzyme in the pancreas that digests fat? **3.** What is the enzyme in your mouth called? **5.** What is the substance in which an enzyme acts on?**9.** What is the process of breaking down food called?  |

   enzyme       substrate       enzyme substrate complex       active site       optimum       denature       ph       temperature       amylase       pepsin       lipase       digestion