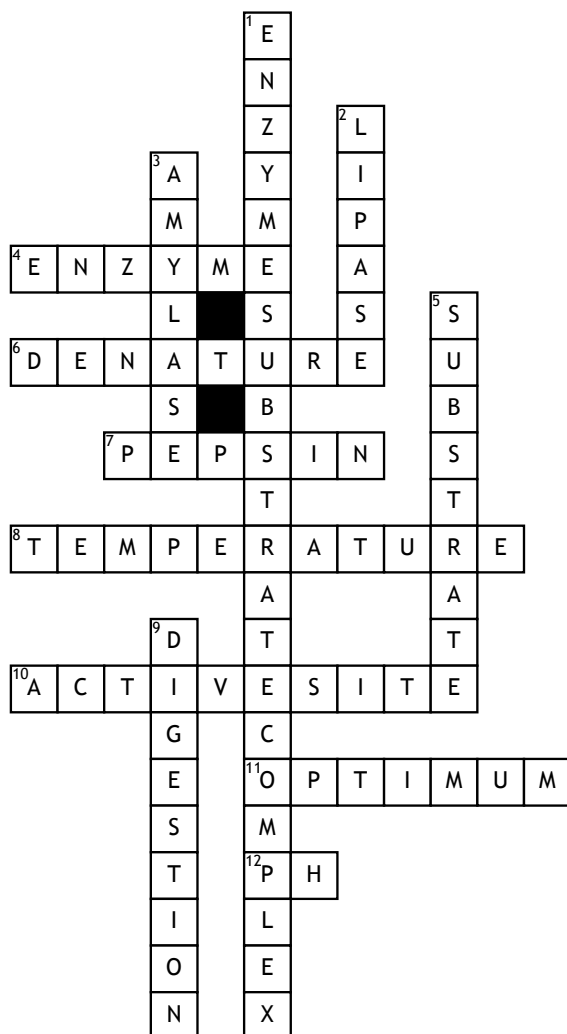


# Enzymes



## 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?

## Word Bank

pepsin  
ph  
active site  
substrate

digestion  
optimum  
amylase  
denature

lipase  
enzyme  
enzyme substrate complex  
temperature