

**Enzymes: Who what how when where why**

**Who is an enzyme?**

**What does an enzyme do?**

**How does it do it?**

**Where do enzymes do their thing?**

**Why? (What would happen if there were no enzymes?)**

**What suffix do enzymes have so you can recognize them? \_\_\_\_\_**

**Name some enzymes that are active during the S-Phase of the cell cycle.**

**What name is added to the name of an enzyme if the enzyme sticks a phosphate on another molecule?**

**When a molecule is phosphorylated, what has happened?**

**What kind of bond holds the phosphate on to the molecule? A. covalent, B. ionic, C. hydrogen**

**What is pyruvate kinase, and what does it do?**

**Where in the cell does it do it?**

**What is an enzyme inhibitor?**

**What is an enzymatic pathway?**

**What could possibly explain why an egg cell has 100 times more ribosomes than any other cell?**