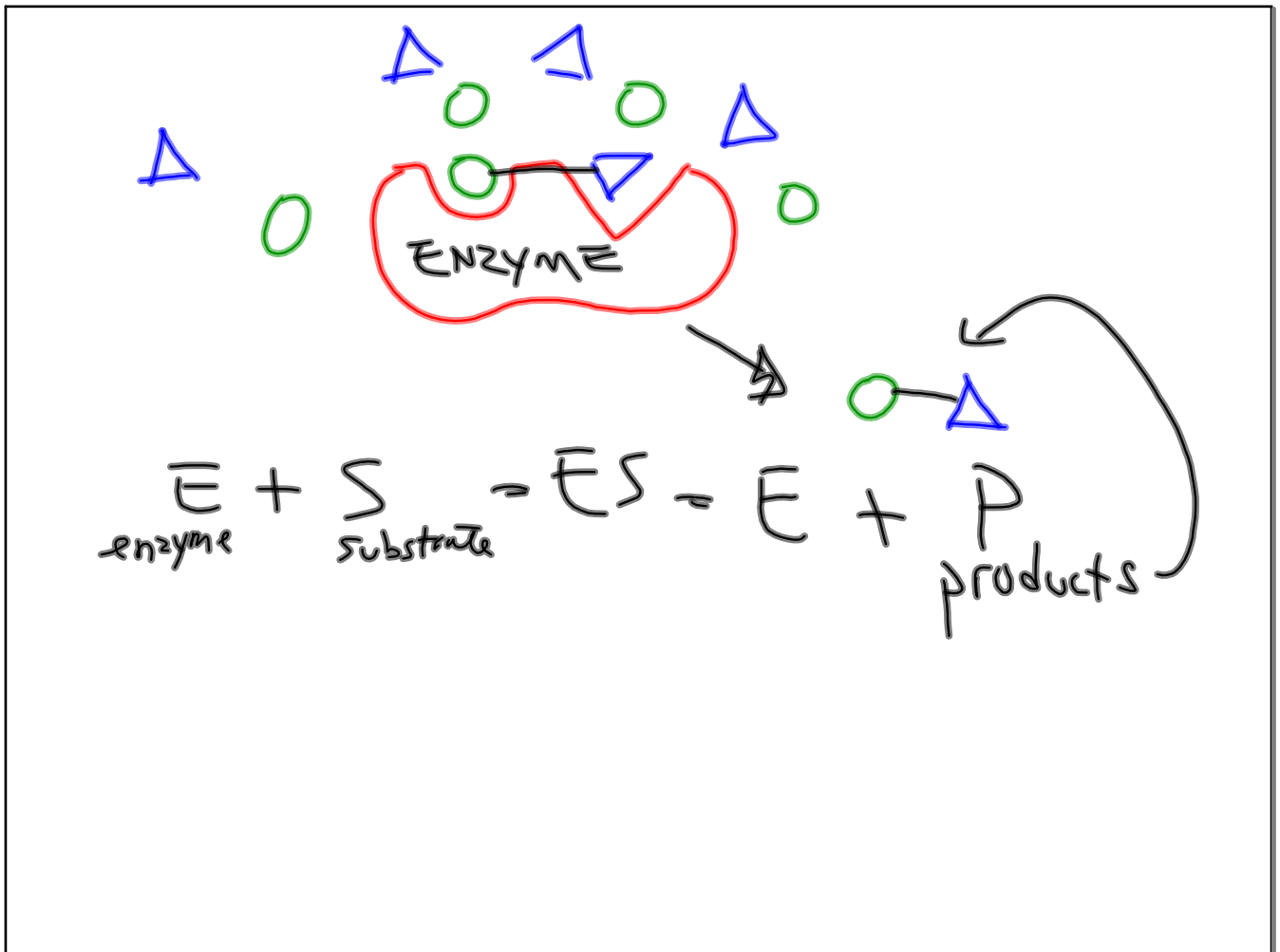


ENZYMES

KEY DEFINITIONS

1. Activation Energy: Energy that must be overcome in order for a chemical reaction (rxn) to occur
2. Substrate: molecule on which an enzyme acts.
3. Denature: process where proteins lose their 3-D structure
4. Active Sites: place where substrate attaches to enzyme



ENZYMES ARE...

1. Made up of proteins (long chains of Amino Acids)
2. Reusable: do not change after the reaction.
3. Specific: there is a perfect enzyme for a certain substrate
4. 3d in shape which can be denatured
5. Catalysts... speed up chemical rxns and lower the activation energy