Heb deze in de algemene vaksite gezet bij leermiddelen diversen

<http://www.stolaf.edu/people/giannini/biological%20anamations.html>

|  |  |
| --- | --- |
| Water/Buffers | Proteins |
| [-weak acid/buffer](http://www.stolaf.edu/people/giannini/flashanimat/water/weakacid.swf) [-hydrogen bonding between water molecules](http://www.stolaf.edu/people/giannini/flashanimat/water/water.swf) | [-protein organization](http://www.stolaf.edu/people/giannini/flashanimat/proteins/protein%20structure.swf) [-protein folding](http://www.stolaf.edu/people/giannini/flashanimat/proteins/hydrophobic%20force.swf) |
| Lipids | Carbohydrates |
| [-membrane fluidity](http://www.stolaf.edu/people/giannini/flashanimat/lipids/membrane%20fluidity.swf) | [-glucose in water](http://www.stolaf.edu/people/giannini/flashanimat/carbohydrates/glucose.swf) |
| Enzymes | Membrane Transport |
| [-conformational change/strain](http://www.stolaf.edu/people/giannini/flashanimat/enzymes/enzyme.swf) [-transition state](http://www.stolaf.edu/people/giannini/flashanimat/enzymes/transition%20state.swf) [-proximity and orientation](http://www.stolaf.edu/people/giannini/flashanimat/enzymes/prox-orien.swf) [-chemical interaction](http://www.stolaf.edu/people/giannini/flashanimat/enzymes/chemical%20interaction.swf) [-biochemical pathway](http://www.stolaf.edu/people/giannini/flashanimat/enzymes/biochem.path.swf) [-allosteric enzyme](http://www.stolaf.edu/people/giannini/flashanimat/enzymes/allosteric.swf) | [-diffusion](http://www.stolaf.edu/people/giannini/flashanimat/transport/diffusion.swf) [-uniport](http://www.stolaf.edu/people/giannini/flashanimat/transport/caryprot.swf) [-symport](http://www.stolaf.edu/people/giannini/flashanimat/transport/symport2.swf) [-channels](http://www.stolaf.edu/people/giannini/flashanimat/transport/channel.swf) [-ATPase](http://www.stolaf.edu/people/giannini/flashanimat/transport/atpase.swf) [-antiport](http://www.stolaf.edu/people/giannini/flashanimat/transport/antiport.swf) [-osmosis](http://www.stolaf.edu/people/giannini/flashanimat/transport/osmosis.swf)  [-Secondary Active Transport](http://www.stolaf.edu/people/giannini/flashanimat/transport/secondary%20active%20transport.swf) |
| Cell Structures | Metabolism |
| [-endomembrane protein synthesis](http://www.stolaf.edu/people/giannini/flashanimat/cellstructures/endomembrane%20protein%20synthesis.swf) [-phagocytosis](http://www.stolaf.edu/people/giannini/flashanimat/cellstructures/phagocitosis.swf) [-motor proteins](http://www.stolaf.edu/people/giannini/flashanimat/cellstructures/Motor%20protein.swf) [-vesicle transport](http://www.stolaf.edu/people/giannini/flashanimat/cellstructures/microtubuletransport.swf) [-microtubule sliding](http://www.stolaf.edu/people/giannini/flashanimat/cellstructures/micro%20slide.swf) | [-mitochondrial electron transport](http://www.stolaf.edu/people/giannini/flashanimat/metabolism/mido%20e%20transport.swf) [-photosynthetic electron transport](http://www.stolaf.edu/people/giannini/flashanimat/metabolism/photosynthesis.swf) [-2nd messenger](http://www.stolaf.edu/people/giannini/flashanimat/metabolism/2nd%20messenger.swf) [-ATP synthase](http://www.stolaf.edu/people/giannini/flashanimat/metabolism/atpsyn1.swf) [-ATP synthase mechanism](http://www.stolaf.edu/people/giannini/flashanimat/metabolism/atpsyn2.swf) |
| Molecular Genetics | Cell Division |
| [-DNA replication](http://www.stolaf.edu/people/giannini/flashanimat/molgenetics/dna-rna2.swf) [-transcription](http://www.stolaf.edu/people/giannini/flashanimat/molgenetics/transcription.swf) [-translation](http://www.stolaf.edu/people/giannini/flashanimat/molgenetics/translation.swf) | [-mitosis](http://www.stolaf.edu/people/giannini/flashanimat/celldivision/crome3.swf) [-meiosis](http://www.stolaf.edu/people/giannini/flashanimat/celldivision/meiosis.swf) |