Science 8 ~ Vocab 1-A

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| Compound Light Microscope | The type of microscope usually used to enlarge images in labs | http://savalli.us/BIO201/Labs/02-Cells/LabImages/MicroscopePlain.jpg |
| Magnification Power | The number of times larger an image appears under a particular lens |  |
| Resolving Power | The ability of a microscope to distinguish between two very close objects | http://www.biologie.uni-hamburg.de/b-online/library/micro229/terry/images/micro/resolvpower.gif |
| Organelle | A cell part in which functions that ensure the cell’s survival occur | http://www.sciencegateway.org/resources/biologytext/cb/org/chloroplast.gif |
| Cell Membrane | A protective covering of the interior of a cell that also controls the movements of particles in and out of the cell | http://upload.wikimedia.org/wikipedia/commons/e/ee/CellMembraneDrawing.jpg |
| Nucleus | The organelle that controls all activities within a cell | http://clccharter.org/aa/projects/newmedicalproject2011/images/nucleus.png |
| Mitochondria | The producers of energy for a cell |  |
| Metabolism | The total of all chemical reactions that take place in the cells | http://www.biologyreference.com/photos/metabolism-cellular-3819.jpg |
| Proteins | Essential nutrients used to build muscles, skin, hair, etc. within a cell | http://images.iop.org/objects/phw/news/13/6/8/protein.jpg |
| Ribosomes | Cell parts that assemble proteins | http://upload.wikimedia.org/wikipedia/commons/4/42/Ribosome_shape.png |
| Golgi Body | A structure in a cell that sorts and packs proteins into vesicles | http://www.cartage.org.lb/en/themes/sciences/zoology/animalphysiology/anatomy/animalcellstructure/GolgiApparatus/golgi.jpg |
| Vacuoles | Temporary storage compartments in cells sometimes used to store waste; larger in plant cells than animal cells | http://upload.wikimedia.org/wikipedia/commons/thumb/e/e0/Biological_cell_vacuole.svg/300px-Biological_cell_vacuole.svg.png |
| Lysosomes | A cell structure that breaks down waste, food particles and worn out cell parts | http://e08595.medialib.glogster.com/media/35/35b463d5913c900769b0ee525fa8fded3f85bf50f8e4d4a6ccece8f769711b74/lysosome2-png.png |
| Bacteria | Any of various groups of single-celled micro-organisms, some of which can cause disease | https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcRhnyApDBzTJj_ZQY4u9iydNjWxZaO3y71HH68vf7p4CIcrYu-z |
| Viruses | Tiny, non-living particles that can only reproduce in a host cells, have no nucleus or organelle and usually cause disease | https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcRLRuQ9kpO9q5-JgOzcDHaxme56V5geyOYXjBxOsZ5Y3IVF2OGo |