

## Useful websites in Biology teaching

Topic	Institute / sub-topic	Websites
General Biology	**Wiseneews	<a href="http://wiseneews.wisers.net/">http://wiseneews.wisers.net/</a>
	**Science photo library	<a href="http://www.sciencephoto.com/">http://www.sciencephoto.com/</a>
	**New Academic Structure 334 Web Bulletin	<a href="http://334.edb.hkedcity.net/EN/curriculum.php">http://334.edb.hkedcity.net/EN/curriculum.php</a>
	**EDB - Science Education - Biology	<a href="http://www.edb.gov.hk/index.aspx?nodeID=3377&amp;langno=1">http://www.edb.gov.hk/index.aspx?nodeID=3377&amp;langno=1</a>
	**Biology-Online Dictionary	<a href="http://www.biology-online.org/dictionary.asp">http://www.biology-online.org/dictionary.asp</a>
	**Sourcebook for Teaching Science	<a href="http://www.csun.edu/science/index.html">http://www.csun.edu/science/index.html</a>
	生物科老師專業發展及資源共享平台	<a href="http://edblog.hkedcity.net/nssbio">http://edblog.hkedcity.net/nssbio</a>
	CUHK – Home Page of Biology Teaching	<a href="http://www.fed.cuhk.edu.hk/~johnson">http://www.fed.cuhk.edu.hk/~johnson</a>
	NSS Curriculum Goals NOS & STSE	<a href="http://learningscience.edu.hku.hk/">http://learningscience.edu.hku.hk/</a>
	Oxford NSS Biology	<a href="http://nssbio.oupchina.com.hk/">http://nssbio.oupchina.com.hk/</a>
	*Health and Medical Picture Slideshows on MedicineNet.com	<a href="http://www.medicinenet.com/slideshows-popular/article.htm">http://www.medicinenet.com/slideshows-popular/article.htm</a>
	Hong Kong BioWeb	<a href="http://resources.edb.gov.hk/biology/english/index.html">http://resources.edb.gov.hk/biology/english/index.html</a>
	Hospital Authority of Hong Kong	<a href="http://www.ha.org.hk/">http://www.ha.org.hk/</a>
	Hong Kong Bioinformatics Centre	<a href="http://www.hkbic.cuhk.edu.hk/">http://www.hkbic.cuhk.edu.hk/</a>
	*Interactive Educational Animations	<a href="http://www.susanahalpine.com/">http://www.susanahalpine.com/</a> <a href="http://bio-alive.com/animations/anatomy.htm">http://bio-alive.com/animations/anatomy.htm</a>
	Inquiry into Biology (animations)	<a href="http://highered.mcgraw-hill.com/sites/0070960526/student_vie0/">http://highered.mcgraw-hill.com/sites/0070960526/student_vie0/</a>
	Practical Biology of Nuffield Foundation	<a href="http://www.practicalbiology.org/">http://www.practicalbiology.org/</a>
	*Interactive Educational Animations by CDI	<a href="http://cd1.edb.hkedcity.net/cd/science/biology/resources/content_resources_e.htm">http://cd1.edb.hkedcity.net/cd/science/biology/resources/content_resources_e.htm</a>
	*Fundamentals of Biochemistry - animations	<a href="http://www.wiley.com/college/fob/anim/">http://www.wiley.com/college/fob/anim/</a>
	*Molecular Workbench Software - animations	<a href="http://mw.concord.org/modeler/">http://mw.concord.org/modeler/</a>
	Biology animations	<a href="http://www.accessexcellence.org/AB/GG">http://www.accessexcellence.org/AB/GG</a> <a href="http://www.pennmedicine.org/health_info/animationplayer/">http://www.pennmedicine.org/health_info/animationplayer/</a>
	*Biology animation gallery - Sumanasic	<a href="http://www.sumanasinc.com/webcontent/animation.html">http://www.sumanasinc.com/webcontent/animation.html</a>
	**Biology animations	<a href="http://bio-alive.com/animations/anatomy.htm">http://bio-alive.com/animations/anatomy.htm</a>
	Online Bio textbook	<a href="http://gened.emc.maricopa.edu/bio/bio181/BIOBK/BioBookTOC.html">http://gened.emc.maricopa.edu/bio/bio181/BIOBK/BioBookTOC.html</a> <a href="http://phschool.com/webcodes10/index.cfm?area=view&amp;wcprefix=cbk&amp;wcsuffix=9999">http://phschool.com/webcodes10/index.cfm?area=view&amp;wcprefix=cbk&amp;wcsuffix=9999</a>
	*Building a Scientific Vocabulary	<a href="http://www.csun.edu/science/books/sourcebook/chapters/1-vocabulary/index.html">http://www.csun.edu/science/books/sourcebook/chapters/1-vocabulary/index.html</a>
	Interactive 互動教室	<a href="http://www.ied.edu.hk/esdweb/interac.htm">http://www.ied.edu.hk/esdweb/interac.htm</a>
	BBC - Science Human Body - Body	<a href="http://www.bbc.co.uk/science/humanbody/body/">http://www.bbc.co.uk/science/humanbody/body/</a>
	SciTube	<a href="http://www.hkedcity.net/project/scitube/">http://www.hkedcity.net/project/scitube/</a>

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	*Rediscovering Biology	<a href="http://www.learner.org/courses/biology/textbook/index.html">http://www.learner.org/courses/biology/textbook/index.html</a>
	*WHO news	<a href="http://www.who.int/mediacentre/en/">http://www.who.int/mediacentre/en/</a>
	General Biology - animations	<a href="http://mit.edu/7.01x/7.014/study.html">http://mit.edu/7.01x/7.014/study.html</a> <a href="http://bio-alive.com/index.htm">http://bio-alive.com/index.htm</a>
	Biology videos	<a href="http://video.msn.com/video.aspx?mkt=en-us">http://video.msn.com/video.aspx?mkt=en-us</a> <a href="http://biology-animations.blogspot.com/">http://biology-animations.blogspot.com/</a>
	frog dissection	<a href="http://www.mhhe.com/biosci/genbio/virtual_labs/BL_16/BL_16.html">http://www.mhhe.com/biosci/genbio/virtual_labs/BL_16/BL_16.html</a> <a href="http://www.biologyjunction.com/frog_dissection.htm">http://www.biologyjunction.com/frog_dissection.htm</a> <a href="http://www.biologycorner.com/worksheets/frog-dissection.html">http://www.biologycorner.com/worksheets/frog-dissection.html</a> <a href="http://www.cumberland.k12.il.us/schools/chs/starwalt%20projects/Frog%20Dissection/frog_dissection.htm">http://www.cumberland.k12.il.us/schools/chs/starwalt%20projects/Frog%20Dissection/frog_dissection.htm</a> <a href="http://www.youtube.com/watch?v=hJDrqRWEzn0">http://www.youtube.com/watch?v=hJDrqRWEzn0</a>
	Human body (3D)	** <a href="https://www.biodigitalhuman.com/home/">https://www.biodigitalhuman.com/home/</a> <a href="http://www.zygotebody.com/">http://www.zygotebody.com/</a>
	Human anatomy	<a href="http://www9.biostr.washington.edu/da.html">http://www9.biostr.washington.edu/da.html</a> <a href="http://www.imaios.com/en/e-Anatomy">http://www.imaios.com/en/e-Anatomy</a> ** <a href="http://www.argosymedical.com/">http://www.argosymedical.com/</a> <a href="http://highered.mcgraw-hill.com/sites/0072495855/student_view0/">http://highered.mcgraw-hill.com/sites/0072495855/student_view0/</a> ** <a href="http://www.bbc.co.uk/science/humanbody/body/factfiles/organs_anatomy.shtml">http://www.bbc.co.uk/science/humanbody/body/factfiles/organs_anatomy.shtml</a> ** <a href="http://www.exploratorium.edu/explore/human_body/">http://www.exploratorium.edu/explore/human_body/</a>
Online Journals and Resources on Science	Science: Nature: Scientific American: Discover: New Scientist: Discovery:	<a href="http://www.sciencemag.org/">http://www.sciencemag.org/</a> <a href="http://www.nature.com/">http://www.nature.com/</a> <a href="http://www.sciam.com/">http://www.sciam.com/</a> <a href="http://www.discover.com/">http://www.discover.com/</a> <a href="http://www.newscientist.com/">http://www.newscientist.com/</a> <a href="http://www.discovery.com/">http://www.discovery.com/</a>
Variety of life	Organisms under electronic microscope	<a href="http://www.xtalent.com.au/gallery/index.php?cat=3">http://www.xtalent.com.au/gallery/index.php?cat=3</a> <a href="http://micro.magnet.fsu.edu/primer/virtual/virtual.html">http://micro.magnet.fsu.edu/primer/virtual/virtual.html</a>
	Lytic life cycle of a bacteriophage	<a href="http://www.cat.cc.md.us/course/bio141/lecguide/unit2/lytsum.html">http://www.cat.cc.md.us/course/bio141/lecguide/unit2/lytsum.html</a>
	Life cycle of HIV infection	<a href="http://hopkins-aids.edu/hiv_lifecycle/hivcycle_txt.html">http://hopkins-aids.edu/hiv_lifecycle/hivcycle_txt.html</a>
	Virus	<a href="http://www.ucmp.berkeley.edu/allife/virus.html">http://www.ucmp.berkeley.edu/allife/virus.html</a>
	*Science & Plants for Schools	<a href="http://www-saps.plantsci.cam.ac.uk/index.htm">http://www-saps.plantsci.cam.ac.uk/index.htm</a>
	Mosses & liverworts	<a href="http://www.microscopy-uk.org.uk/mag/indexmag.html?http://www.microscopy-uk.org.uk/mag/artjul98/jpmoss.html">http://www.microscopy-uk.org.uk/mag/indexmag.html?http://www.microscopy-uk.org.uk/mag/artjul98/jpmoss.html</a>
	Microorganisms	<a href="http://micscape.simplenet.com/mag/wimsmall/small.html">http://micscape.simplenet.com/mag/wimsmall/small.html</a> <a href="http://www.microscopy-uk.org.uk">http://www.microscopy-uk.org.uk</a>
	Diversity of Living Organisms	<a href="http://www.ied.edu.hk/has/bio/dlo/introd/english/index.htm">http://www.ied.edu.hk/has/bio/dlo/introd/english/index.htm</a>
	Mushrooms, Mosses, Fungi Photo Gallery	<a href="http://www.pbase.com/waterfallrich/mushrooms&amp;page=all">http://www.pbase.com/waterfallrich/mushrooms&amp;page=all</a>
	Tree of life	<a href="http://tolweb.org/tree/phylogeny.html">http://tolweb.org/tree/phylogeny.html</a>
	Lichen.com	<a href="http://www.lichen.com">http://www.lichen.com</a>
	680 Tropical Tree Fact Sheets (including many species of trees in Hong Kong)	<a href="http://hort.ifas.ufl.edu/database/trees/trees_scientific.shtml">http://hort.ifas.ufl.edu/database/trees/trees_scientific.shtml</a>
	香港 50 種常見的樹木	<a href="http://resources.edb.gov.hk/trees/main_page1.html#">http://resources.edb.gov.hk/trees/main_page1.html#</a>
	香港樹木巡禮	<a href="http://www.hktree.com/general/tree_story.htm">http://www.hktree.com/general/tree_story.htm</a>
	葉脈網	<a href="http://www.leafvein.net/">http://www.leafvein.net/</a>
	HK Nature.net	<a href="http://www.hknature.net/IUCN_news/iucn_news.htm">http://www.hknature.net/IUCN_news/iucn_news.htm</a>

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	香港自然網	
	Plant gallery **	<a href="http://www.greeneducationcuhk.net/">http://www.greeneducationcuhk.net/</a> <a href="http://www.noble.org/webapps/plantimagegallery/">http://www.noble.org/webapps/plantimagegallery/</a>
	Animal resources	<a href="http://netvet.wustl.edu/ssi.htm">http://netvet.wustl.edu/ssi.htm</a>
Chemical constituents of cells	Amino acids	<a href="http://www.massey.ac.nz/%7Ewwbioch/Prot/amino/aminacid.htm">http://www.massey.ac.nz/%7Ewwbioch/Prot/amino/aminacid.htm</a> <a href="http://www.johnkyrk.com/#">http://www.johnkyrk.com/#</a>
	The Scale of the Universe	<a href="http://htwins.net/scale2/">http://htwins.net/scale2/</a>
Cell structure	Virtual cell	<a href="http://library.thinkquest.org/3564">http://library.thinkquest.org/3564</a> <a href="http://www.cellsalive.com">http://www.cellsalive.com</a>
	Virtual cell website	<a href="http://www.ibiblio.org/virtualcell/index.htm">http://www.ibiblio.org/virtualcell/index.htm</a>
	History of the microscope	<a href="http://www.az-microscope.on.ca/history.htm">http://www.az-microscope.on.ca/history.htm</a>
	**Virtual scanning electron microscopy	<a href="http://micro.magnet.fsu.edu/primer/java/electronmicroscopy/magnify1/index.html">http://micro.magnet.fsu.edu/primer/java/electronmicroscopy/magnify1/index.html</a>
	*Light microscopy	<a href="http://virtual.itg.uiuc.edu/training/LM_tutorial/">http://virtual.itg.uiuc.edu/training/LM_tutorial/</a>
	An introduction to microscopy	<a href="http://www.microscopy-uk.org.uk/index.html?http://www.microscopy-uk.org.uk/intro/">http://www.microscopy-uk.org.uk/index.html?http://www.microscopy-uk.org.uk/intro/</a>
	Gallery of Membrane Protein Structures	<a href="http://www.tulane.edu/~biochem/faculty/facfigs/membrane_gallery.htm">http://www.tulane.edu/~biochem/faculty/facfigs/membrane_gallery.htm</a>
	Mitosis	<a href="http://www.unc.edu/depts/salmlab/mitosis/mitosis.html">http://www.unc.edu/depts/salmlab/mitosis/mitosis.html</a> <a href="http://www.biology.arizona.edu/cell_bio/cell_bio.html">http://www.biology.arizona.edu/cell_bio/cell_bio.html</a> <a href="http://www.sci.sdsu.edu/multimedia/mitosis">http://www.sci.sdsu.edu/multimedia/mitosis</a> <a href="http://wormclassroom.org/files/worm/CellDivision.swf">http://wormclassroom.org/files/worm/CellDivision.swf</a>
	Meiosis	<a href="http://www.sp.uconn.edu/~bi107vc/sp99/saul/experimental/Celldiv.html">http://www.sp.uconn.edu/~bi107vc/sp99/saul/experimental/Celldiv.html</a> <a href="http://www4.ncsu.edu/unity/users/b/bnchorle/www/index.htm">http://www4.ncsu.edu/unity/users/b/bnchorle/www/index.htm</a> <a href="http://www.ece.utexas.edu/~weston/bio.html">http://www.ece.utexas.edu/~weston/bio.html</a>
	Fluid mosaic model animation	<a href="http://www.susanahalpine.com/anim/Life/memb.htm">http://www.susanahalpine.com/anim/Life/memb.htm</a> <a href="http://telstar.ote.cmu.edu/biology/MembranePage/index2.html">http://telstar.ote.cmu.edu/biology/MembranePage/index2.html</a> <a href="http://telstar.ote.cmu.edu/biology/animation/Membranes/membranes.html">http://telstar.ote.cmu.edu/biology/animation/Membranes/membranes.html</a> <a href="http://www.hsc.on.ca/moffatt/bio3a/cellbio/phase1.htm">http://www.hsc.on.ca/moffatt/bio3a/cellbio/phase1.htm</a>
	Amazing Cells	<a href="http://learn.genetics.utah.edu/content/begin/cells/">http://learn.genetics.utah.edu/content/begin/cells/</a>
	How Cells Divide: Mitosis vs. Meiosis	<a href="http://www.pbs.org/wgbh/nova/miracle/divide.html">http://www.pbs.org/wgbh/nova/miracle/divide.html</a>
	Cell division, phagocytosis	<a href="http://dictybase.org/Multimedia/index.html">http://dictybase.org/Multimedia/index.html</a>
Histology	Digital Histology Atlas	<a href="http://myweb.dwu.edu/timullic/webpages/DigitalHistologyAtlas/index.htm">http://myweb.dwu.edu/timullic/webpages/DigitalHistologyAtlas/index.htm</a>
	Histology world	<a href="http://www.histology-world.com/quizshow/quizshow.htm">http://www.histology-world.com/quizshow/quizshow.htm</a>
Enzymes	Introduction to Enzymes	<a href="http://www.worthington-biochem.com/introbiochem/">http://www.worthington-biochem.com/introbiochem/</a>
	Enzymes and their uses	<a href="http://www.abpschools.org.uk/page/modules/enzymes/enzymes1.cfm">http://www.abpschools.org.uk/page/modules/enzymes/enzymes1.cfm</a>
	酵素 Enzymes	<a href="http://juang.bst.ntu.edu.tw/BC2008/Enzyme5.htm">http://juang.bst.ntu.edu.tw/BC2008/Enzyme5.htm</a>
Membrane transport	animation of osmosis	<a href="http://www.stolaf.edu/people/giannini/flashanimat/transport/osmosis.swf">http://www.stolaf.edu/people/giannini/flashanimat/transport/osmosis.swf</a>
	animation of diffusion	<a href="http://www.stolaf.edu/people/giannini/flashanimat/transport/diffusion.swf">http://www.stolaf.edu/people/giannini/flashanimat/transport/diffusion.swf</a>
	animation of active transport	<a href="http://www.stolaf.edu/people/giannini/flashanimat/transport/secondary%20active%20transport.swf">http://www.stolaf.edu/people/giannini/flashanimat/transport/secondary%20active%20transport.swf</a>
	diffusion & osmosis	<a href="http://www.biologycorner.com/bio1/diffusion.html#">http://www.biologycorner.com/bio1/diffusion.html#</a>
Nutrition	Photosynthesis	<a href="http://gened.emc.maricopa.edu/bio/bio181/BIOBK/BioBookPS.html">http://gened.emc.maricopa.edu/bio/bio181/BIOBK/BioBookPS.html</a>

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	Animation: photophosphorylation	<a href="http://highered.mcgraw-hill.com/sites/9834092339/student_view0/chapter39/photosynthetic_electron_transport_and_atp_synthesis.html">http://highered.mcgraw-hill.com/sites/9834092339/student_view0/chapter39/photosynthetic_electron_transport_and_atp_synthesis.html</a>
	Animation: Calvin cycle	<a href="http://highered.mcgraw-hill.com/sites/9834092339/student_view0/chapter39/cyclic_and_noncyclic_photophosphorylation.html">http://highered.mcgraw-hill.com/sites/9834092339/student_view0/chapter39/cyclic_and_noncyclic_photophosphorylation.html</a>
	Animation: photochemical reactions	<a href="http://dendro.cnre.vt.edu/forestbiology/photosynthesis.swf">http://dendro.cnre.vt.edu/forestbiology/photosynthesis.swf</a>
Respiration	Electron transport in mitochondria	<a href="http://www.sp.uconn.edu/~terry/images/anim/ETS.html">http://www.sp.uconn.edu/~terry/images/anim/ETS.html</a>
	Cellular metabolism	<a href="http://www.biosci.uga.edu/metabolism/overview3.html">http://www.biosci.uga.edu/metabolism/overview3.html</a>
	Animations of photosynthesis and respiration	<a href="http://highered.mcgraw-hill.com/sites/0070960526/student_view0/chapter5/animations.html">http://highered.mcgraw-hill.com/sites/0070960526/student_view0/chapter5/animations.html</a>
	Animations of photosynthesis and respiration	<a href="http://highered.mcgraw-hill.com/sites/0070960526/student_view0/chapter5/animations.html">http://highered.mcgraw-hill.com/sites/0070960526/student_view0/chapter5/animations.html</a>
	Electron Transport System and ATP Synthesis	<a href="http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_electron_transport_system_and_atp_synthesis_quiz_1.html">http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_electron_transport_system_and_atp_synthesis_quiz_1.html</a>
	Animation: How Glycolysis Works	<a href="http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_how_glycolysis_works.html">http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_how_glycolysis_works.html</a>
	Animation: How the Krebs Cycle Works	<a href="http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_how_the_krebs_cycle_works_quiz_1.html">http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_how_the_krebs_cycle_works_quiz_1.html</a>
	Animation: How the NAD <sup>+</sup> Works	<a href="http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_how_the_nad_works.html">http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_how_the_nad_works.html</a>
	Avian respiratory dynamics animation	<a href="http://www.sci.sdsu.edu/multimedia/birdlungs">http://www.sci.sdsu.edu/multimedia/birdlungs</a>
	*The Virtual Body	<a href="http://www.medtropolis.com/VBody.asp">http://www.medtropolis.com/VBody.asp</a>
Gas Exchange	<a href="#">Respiratory Basics</a> Wisconsin Online	<a href="http://www.wisc-online.com/objects/ViewObject.aspx?ID=AP15104">http://www.wisc-online.com/objects/ViewObject.aspx?ID=AP15104</a>
	<a href="#">Respirology</a> Molson Medical Informatics	<a href="http://sprojects.mmi.mcgill.ca/resp/index.htm">http://sprojects.mmi.mcgill.ca/resp/index.htm</a>
	ADAM animation – Human gas exchange	<a href="http://health.howstuffworks.com/human-body/systems/respiratory/adam-200022.htm">http://health.howstuffworks.com/human-body/systems/respiratory/adam-200022.htm</a>
Transport in organisms	**A virtual heart	<a href="http://www-medlib.med.utah.edu/kw/pharm/hyper_heart1.html">http://www-medlib.med.utah.edu/kw/pharm/hyper_heart1.html</a>
	*Habits of the heart	<a href="http://www.smm.org/heart/heart/top.html">http://www.smm.org/heart/heart/top.html</a>
	Heart beat	<a href="http://www.purchon.com/biology/heartbeat.htm">http://www.purchon.com/biology/heartbeat.htm</a>
	Haemoglobin and myoglobin	<a href="http://www3.interscience.wiley.com:8100/legacy/college/boyer/0471661791/structure/HbMb/hbmb_intro.htm">http://www3.interscience.wiley.com:8100/legacy/college/boyer/0471661791/structure/HbMb/hbmb_intro.htm</a>
	The Heart: An Online Exploration	<a href="http://sln.fi.edu/biosci/biosci.html">http://sln.fi.edu/biosci/biosci.html</a>
	Pig's heart dissection	<a href="http://www.ymca-coll.edu.hk/biology/Photos/heart_dissection/">http://www.ymca-coll.edu.hk/biology/Photos/heart_dissection/</a>
	What is blood pressure - videos	<a href="http://blood-pressure.emedtv.com/high-blood-pressure-video/what-is-blood-pressure-video.html">http://blood-pressure.emedtv.com/high-blood-pressure-video/what-is-blood-pressure-video.html</a>
	Rhesus Incompatibility	<a href="http://www.biologymad.com/">http://www.biologymad.com/</a>
Support and movement	The e skeletons project	<a href="http://www.eskeleton.org">http://www.eskeleton.org</a>

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	Actin myosin animation	<a href="http://www.sci.sdsu.edu/movies/actin_myosin.html">http://www.sci.sdsu.edu/movies/actin_myosin.html</a>
Perpetuation of species	The Visible Embryo	<a href="http://www.visembryo.com/">http://www.visembryo.com/</a>
	Yeast mitosis	<a href="http://www.vlib.org/Biosciences.html">http://www.vlib.org/Biosciences.html</a>
	* BBC – Ethics	<a href="http://www.bbc.co.uk/ethics/">http://www.bbc.co.uk/ethics/</a>
	Human Embryonic Stem Cells – animation	<a href="http://www.sumanasinc.com/webcontent/animations/content/stemcells_scnt.html">http://www.sumanasinc.com/webcontent/animations/content/stemcells_scnt.html</a>
	Embryology animations	<a href="http://www.stanford.edu/group/Urchin">http://www.stanford.edu/group/Urchin</a> <a href="http://www.ucalgary.ca/UofC/eduweb/virtualembryo">http://www.ucalgary.ca/UofC/eduweb/virtualembryo</a>
	*Human embryonic development	<a href="http://embryo.soad.umich.edu">http://embryo.soad.umich.edu</a>
	Truth of Abortion	<a href="http://www.abortionTV.com">http://www.abortionTV.com</a>
Growth & development	Basic Embryology Review	<a href="http://www.med.upenn.edu/meded/public/berp/movies.html">http://www.med.upenn.edu/meded/public/berp/movies.html</a>
	Tree & tree rings	<a href="http://web.utk.edu/~grissino/gallery.htm">http://web.utk.edu/~grissino/gallery.htm</a>
Response & coordination	Atlas of the brain	<a href="http://www.med.harvard.edu/AANLIB/home.html">http://www.med.harvard.edu/AANLIB/home.html</a>
	Brain museum	<a href="http://brainmuseum.org">http://brainmuseum.org</a>
	Plant coordination	<a href="http://plantsinmotion.bio.indiana.edu/plantmotion/starthere.html">http://plantsinmotion.bio.indiana.edu/plantmotion/starthere.html</a>
	BBC-Science Human Body-Body-Senses Challenge	<a href="http://www.bbc.co.uk/science/humanbody/body/interactives/senseschallenge/">http://www.bbc.co.uk/science/humanbody/body/interactives/senseschallenge/</a>
	*Neurobiology animations (1) rhodopsin (2) basilar membrane oscillations at different sound frequencies (3) synapse (4) propagation of action potential	<a href="http://www.blackwellpublishing.com/matthews/animate.html">http://www.blackwellpublishing.com/matthews/animate.html</a> <a href="http://www.blackwellpublishing.com/matthews/rhodopsin.html">http://www.blackwellpublishing.com/matthews/rhodopsin.html</a> <a href="http://www.blackwellpublishing.com/matthews/ear.html">http://www.blackwellpublishing.com/matthews/ear.html</a> <a href="http://www.blackwellpublishing.com/matthews/nmj.html">http://www.blackwellpublishing.com/matthews/nmj.html</a> <a href="http://www.blackwellpublishing.com/matthews/actionp.html">http://www.blackwellpublishing.com/matthews/actionp.html</a>
	*Newborn Reflexes movies	<a href="http://php.med.unsw.edu.au/embryology/index.php?title=Neural Exam Movies#Newborn Reflexes 2">http://php.med.unsw.edu.au/embryology/index.php?title=Neural Exam Movies#Newborn Reflexes 2</a>
	Brain structure animation	<a href="http://www.g2conline.org/2022">http://www.g2conline.org/2022</a>
	*Motor/Sensory Homunculus	<a href="http://www.cs.uta.fi/~jh/homunculus.html">http://www.cs.uta.fi/~jh/homunculus.html</a>
Homeostasis	Kidney transplant	<a href="http://www.kidneypatient.org.uk/site/TRAAanim.html">http://www.kidneypatient.org.uk/site/TRAAanim.html</a>
	Kidney anatomy animation	<a href="http://www.nephronline.org">http://www.nephronline.org</a> <a href="http://nephron.com/htkw.html">http://nephron.com/htkw.html</a>
	Mechanism of dialysis	<a href="http://web.ukonline.co.uk/webwise/spinneret/human2/andial.htm">http://web.ukonline.co.uk/webwise/spinneret/human2/andial.htm</a>
	Osmosis	<a href="http://nutmeg.ctstateu.edu/personal/faculty/saull/experimental/osmosis/MyCardLayout9.html">http://nutmeg.ctstateu.edu/personal/faculty/saull/experimental/osmosis/MyCardLayout9.html</a>
	Desert wildlife	<a href="http://www.desertusa.com">http://www.desertusa.com</a>
Body defence	WHO – factsheets **	<a href="http://www.who.int/mediacentre/factsheets/en/">http://www.who.int/mediacentre/factsheets/en/</a>
	Virtual virus	<a href="http://www.dform.com/projects/t4">http://www.dform.com/projects/t4</a>
	Food & Environmental Hygiene Department **	<a href="http://www.cfs.gov.hk/english/multimedia/multimedia_pub/multimedia_pub_pm.html">http://www.cfs.gov.hk/english/multimedia/multimedia_pub/multimedia_pub_pm.html</a>
	Centre of Health	<a href="http://www.chp.gov.hk/en/submenu/9.html">http://www.chp.gov.hk/en/submenu/9.html</a>



Topic	Institute / sub-topic	Websites
	Protection **	
	AIDS - animation	<a href="http://www.galaxygoo.org/biochem/hiv/hiv_infect.swf">http://www.galaxygoo.org/biochem/hiv/hiv_infect.swf</a>
Tropisms	Plants in motion	<a href="http://sunflower.bio.indiana.edu/~rhangart/plantmotion/movements/tropism/tropismmenu.html">http://sunflower.bio.indiana.edu/~rhangart/plantmotion/movements/tropism/tropismmenu.html</a>
Genetics		
	The Human Genome Map	<a href="http://www.ncbi.nlm.nih.gov/genemap">http://www.ncbi.nlm.nih.gov/genemap</a> <a href="http://www.ornl.gov/hgmis">http://www.ornl.gov/hgmis</a> <a href="http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml">http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml</a>
	HGP fact sheets	<a href="http://www.genetics.edu.au/">http://www.genetics.edu.au/</a>
	Virtual FLYLab	<a href="http://vearthquake.calstatela.edu/edesktop/VirtApps/VflyLab/IntroVflyLab.html">http://vearthquake.calstatela.edu/edesktop/VirtApps/VflyLab/IntroVflyLab.html</a>
	Crossing Over	<a href="http://www.csuchico.edu/~jbell/Bio1207/animations/recombination.html">http://www.csuchico.edu/~jbell/Bio1207/animations/recombination.html</a> <a href="http://tutor.lscf.ucsb.edu/mcdb/tutorial/meiosis/crossing.htm">http://tutor.lscf.ucsb.edu/mcdb/tutorial/meiosis/crossing.htm</a> <a href="http://www.contexo.info/DNA_Basics/Meiosis.htm">http://www.contexo.info/DNA_Basics/Meiosis.htm</a>
	Online Mendelian Inheritance in Man	<a href="http://www.ncbi.nlm.nih.gov/sites/entrez?db=omim">http://www.ncbi.nlm.nih.gov/sites/entrez?db=omim</a>
	transcription & translation	<a href="http://www.johnkyrk.com/DNAtranscription.html">http://www.johnkyrk.com/DNAtranscription.html</a> <a href="http://www.johnkyrk.com/DNAtranslation.html">http://www.johnkyrk.com/DNAtranslation.html</a> <a href="http://www.stolaf.edu/people/giannini/flashanimat/cellstructures/endomembrane%20protein%20synthesis.swf">http://www.stolaf.edu/people/giannini/flashanimat/cellstructures/endomembrane%20protein%20synthesis.swf</a>
	*Genetic animations	<a href="http://www.wwnorton.com/college/biology/discoverbio3/full/content/index/animations.asp">http://www.wwnorton.com/college/biology/discoverbio3/full/content/index/animations.asp</a>
	*DNA from the beginning	<a href="http://vector.cshl.org/dnaftb/9/concept/index.html">http://vector.cshl.org/dnaftb/9/concept/index.html</a>
	*DNA Interactive	<a href="http://www.dnai.org/index.htm">http://www.dnai.org/index.htm</a>
	**DNA packaging - Human Genome Project	<a href="http://www.dnai.org/lesson/go/15199/12444">http://www.dnai.org/lesson/go/15199/12444</a>
	**Biology Animation Library	<a href="http://www.dnalc.org/resources/animations/">http://www.dnalc.org/resources/animations/</a>
	*Photographs of genetic diseases	<a href="http://medgen.genetics.utah.edu/thumbnails.htm">http://medgen.genetics.utah.edu/thumbnails.htm</a>
	*Your Genes, Your Health (genetic disorders)	<a href="http://www.ygyh.org/index.htm">http://www.ygyh.org/index.htm</a>
	Genetics & human diseases	<a href="http://www.bch.cuhk.edu.hk/teaching/genetics.htm">http://www.bch.cuhk.edu.hk/teaching/genetics.htm</a>
	Protein synthesis	<a href="http://www.geocities.com/CapeCanaveral/Lab/5451/transspl.htm">http://www.geocities.com/CapeCanaveral/Lab/5451/transspl.htm</a> <a href="http://www.csuchico.edu/~jbell/Bio1207/animations">http://www.csuchico.edu/~jbell/Bio1207/animations</a> <a href="http://www.lsic.ucla.edu/ls3/tutorials">http://www.lsic.ucla.edu/ls3/tutorials</a> <a href="http://www.ncc.gmu.edu/dna/replicat.htm">http://www.ncc.gmu.edu/dna/replicat.htm</a>
	*Biotechnology (BioRAD)	<a href="http://www.tracy.k12.ca.us/thsadvbio/teacher.html">http://www.tracy.k12.ca.us/thsadvbio/teacher.html</a>
	*McGraw-Hill.com PCR animations	<a href="http://highered.mcgraw-hill.com/sites/0072437316/student_view0/chapter16/animations.html#">http://highered.mcgraw-hill.com/sites/0072437316/student_view0/chapter16/animations.html#</a>
	*other animations of genetics	<a href="http://highered.mcgraw-hill.com/sites/0072437316/student_view0/chapter13/">http://highered.mcgraw-hill.com/sites/0072437316/student_view0/chapter13/</a>
	Food and Environmental Hygiene Department – GM Food FAQ	<a href="http://www.fehd.gov.hk/safefood/gmf/gen_info7.html">http://www.fehd.gov.hk/safefood/gmf/gen_info7.html</a>
	Gel electrophoresis - animations	<a href="http://learn.genetics.utah.edu/content/labs/gel/">http://learn.genetics.utah.edu/content/labs/gel/</a> * <a href="http://www.sumanasinc.com/webcontent/animations/content/gelectrophoresis.html">http://www.sumanasinc.com/webcontent/animations/content/gelectrophoresis.html</a> <a href="http://www.youtube.com/watch?v=6mQGNDnOyH8">http://www.youtube.com/watch?v=6mQGNDnOyH8</a>
	*Genetics Home	<a href="http://ghr.nlm.nih.gov/handbook">http://ghr.nlm.nih.gov/handbook</a>

Topic	Institute / sub-topic	Websites
	Reference	
	**GM food - CFS	<a href="http://www.cfs.gov.hk/english/programme/programme_gmf/programme_gmf.html">http://www.cfs.gov.hk/english/programme/programme_gmf/programme_gmf.html</a>
	Gene Control	<a href="http://www.dnaftb.org/dnaftb/33/concept/index.html">http://www.dnaftb.org/dnaftb/33/concept/index.html</a> <a href="http://www.emc.maricopa.edu/faculty/farabee/BIOBK/BioBookGENCTRL.html">http://www.emc.maricopa.edu/faculty/farabee/BIOBK/BioBookGENCTRL.html</a> <a href="http://faculty.clintoncc.suny.edu/faculty/Michael.Gregory/files/bio%20101/Bio%20101%20Lectures/Gene%20Regulation/gene.htm">http://faculty.clintoncc.suny.edu/faculty/Michael.Gregory/files/bio%20101/Bio%20101%20Lectures/Gene%20Regulation/gene.htm</a>
	Rediscovering biology – Applied Genetic Modification	<a href="http://www.learner.org/courses/biology/casestudy/gmo.html">http://www.learner.org/courses/biology/casestudy/gmo.html</a>
	*Basic Principles of Genetics	<a href="http://anthro.palomar.edu/mendel/default.htm">http://anthro.palomar.edu/mendel/default.htm</a>
	Genome.gov - Online Education Kit How to Sequence a Human Genome	<a href="http://www.genome.gov/25019885">http://www.genome.gov/25019885</a>
	Biotechnology (HKCityU)	<a href="http://resources.edb.gov.hk/biotech/eng/titles.html">http://resources.edb.gov.hk/biotech/eng/titles.html</a>
	Facts about Telomeres and Telomerase	<a href="http://www4.utsouthwestern.edu/cellbio/shay-wright/intro/facts/sw_facts.html">http://www4.utsouthwestern.edu/cellbio/shay-wright/intro/facts/sw_facts.html</a>
	Biotechnology (HKUST)	<a href="http://www.edp.ust.hk/biol/">http://www.edp.ust.hk/biol/</a>
Evolution	*Evolution - animation	<a href="http://www.johnkyrk.com/evolution.html">http://www.johnkyrk.com/evolution.html</a>
	*The Complete Work of Charles Darwin Online	<a href="http://darwin-online.org.uk/">http://darwin-online.org.uk/</a>
	Artificial selection of dogs	<a href="http://www.dog-breeds-explained.info/">http://www.dog-breeds-explained.info/</a>
	*Learn genetics	<a href="http://learn.genetics.utah.edu/">http://learn.genetics.utah.edu/</a>
Ecology	Endangered species	<a href="http://endangered.fws.gov">http://endangered.fws.gov</a>
	Ho Koon Nature Education 尋找自然的故事	<a href="http://www.hokoon.edu.hk/">http://www.hokoon.edu.hk/</a> <a href="http://ifieldstudy.net/sns/index.html">http://ifieldstudy.net/sns/index.html</a> (login: ecology, password: fieldstudy)
	*Learning Support Centre for secondary schools, Department of Ecology & Biodiversity, HKU	<a href="http://ecology.hku.hk/jupas/">http://ecology.hku.hk/jupas/</a>
	Footprint 自然足印	<a href="http://www.footprint.org.hk/">http://www.footprint.org.hk/</a>
	Endangered species gallery	<a href="http://www.cites.org/gallery/species/index.html">http://www.cites.org/gallery/species/index.html</a>
	Agriculture, Fisheries and Conservation Department 漁農自然護理署	<a href="http://www.afcd.gov.hk/eindex.html">http://www.afcd.gov.hk/eindex.html</a> <a href="http://www.afcd.gov.hk/cindex.html">http://www.afcd.gov.hk/cindex.html</a>
	Renewable energies	<a href="http://www.gov.hk/en/residents/environment/energy/renewableenergy.htm">http://www.gov.hk/en/residents/environment/energy/renewableenergy.htm</a> <a href="http://www.greenpeace.org/hk/campaigns/climate-energy/solutions/">http://www.greenpeace.org/hk/campaigns/climate-energy/solutions/</a>
	*野生植物學堂 Wild Plant Academy	<a href="http://iflora.info/B8F3C76C-030B-4F9B-9D0D-0D48EFA9F83E/E90F43C5-66EC-4E2F-946C-44B0EB912DDE.html">http://iflora.info/B8F3C76C-030B-4F9B-9D0D-0D48EFA9F83E/E90F43C5-66EC-4E2F-946C-44B0EB912DDE.html</a>
	*Ecological succession - animations	<a href="http://cd1.edb.hkedcity.net/cd/science/biology/resources/L&amp;t2/cut_slope_succession/SlideShow/Index.html">http://cd1.edb.hkedcity.net/cd/science/biology/resources/L&amp;t2/cut_slope_succession/SlideShow/Index.html</a>
	*香港:可持續未來 –	<a href="http://www.eccteachingkit.org.hk/web/index.php">http://www.eccteachingkit.org.hk/web/index.php</a>

Topic	Institute / sub-topic	Websites
	通識教材	
	Hong Kong Nature	<a href="http://www.hknature.net/">http://www.hknature.net/</a>
Man & microorganisms		
Man's impact on environment	HK Endangered Species	<a href="http://resources.edb.gov.hk/nature/com01/student/animal/animalpro.htm">http://resources.edb.gov.hk/nature/com01/student/animal/animalpro.htm</a>
Encyclopedia & dictionary	InfoPlease.com	<a href="http://www.infoplease.com/">http://www.infoplease.com/</a>
	Oxford Advanced Learner's Dictionary	<a href="http://www.oxfordadvancedlearnersdictionary.com/">http://www.oxfordadvancedlearnersdictionary.com/</a>
	Encyclopedia.com	<a href="http://www.encyclopedia.com/">http://www.encyclopedia.com/</a>
	Yahoo!字典	<a href="http://hk.dictionary.yahoo.com/">http://hk.dictionary.yahoo.com/</a>
	Wikipedia	<a href="http://wikipedia.org/">http://wikipedia.org/</a>
	The Internet Encyclopedia of Science	<a href="http://www.daviddarling.info/encyclopedia/ETEmain.html">http://www.daviddarling.info/encyclopedia/ETEmain.html</a>
	The Free Dictionary	<a href="http://www.thefreedictionary.com/">http://www.thefreedictionary.com/</a>
	Dictionary.com	<a href="http://dictionary.reference.com/">http://dictionary.reference.com/</a>
	YourDictionary.com	<a href="http://www.yourdictionary.com/">http://www.yourdictionary.com/</a>
	Pronunciation	<a href="http://www.research.att.com/~ttsweb/tts/demo.php#top">http://www.research.att.com/~ttsweb/tts/demo.php#top</a>
	Answer.com	<a href="http://www.answers.com/">http://www.answers.com/</a>
	Dictionary.com	<a href="http://dictionary.reference.com/">http://dictionary.reference.com/</a>
	Merriam Webster Online	<a href="http://m-w.com/">http://m-w.com/</a>
Essay writing	Basic Guide to Essay Writing	<a href="http://members.tripod.com/~lklivingston/essay/index.html">http://members.tripod.com/~lklivingston/essay/index.html</a>
Practical skills	HKEdCity – Biology practical work	<a href="http://cd1.edb.hkedcity.net/cd/science/biology/resources/L&amp;t2/practical.htm">http://cd1.edb.hkedcity.net/cd/science/biology/resources/L&amp;t2/practical.htm</a>
	**Biology Experiments	<a href="http://www.biology-resources.com/biology-experiments2.html">http://www.biology-resources.com/biology-experiments2.html</a>