

Animations Library		
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Topic	File Name	Source
Molecular clock	0001.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Atomic structure	0002.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Covalent bond	0003.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Ionic bond	0004.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Catalysts	0005.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Organization of cristae	0006.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Plant cell anatomy	0007.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Control of the cell cycle	0008.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Cytokinesis	0009.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Interphase of mitosis	0010.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Phases of mitosis	0011.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Steps in mitosis	0012.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
The cell cycle	0013.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Mitosis	0014.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Secondary growth of stems	0015.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Dicot root tip	0016.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Absorbing minerals	0017.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Girth increase in woody dicots	0018.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Vascular system of plants	0019.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Leaf structure	0020.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Opening and closing stomata	0021.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Effect of water on leaves	0022.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC

Bean structure germination	0023.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Diffusion (1)	0024.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Osmosis (1)	0025.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Diffusion (2)	0026.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Osmosis (2)	0027.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Osmosis comparison	0028.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Permeability	0029.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Transport moves substances	0030.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Cohesion tension model	0031.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Pressure-flow model	0032.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Translocation	0033.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Water and mineral uptake	0034.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Diffusion (3)	0035.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Osmosis (3)	0036.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Active transport	0037.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Glycolysis (1)	0038.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Krebs cycle	0039.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Electron transport chain (1)	0040.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Electron transport system	0041.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Glycolysis (2)	0042.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Krebs cycle overview	0043.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Electron transport chain (2)	0044.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Acetyl CoA formation	0045.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Chemiosmosis	0046.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Feedback and respiration	0047.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Glycolysis overview	0048.swf	<i>Life Science Animations</i> CD-ROM Version 3.0

Products of Krebs cycle	0049.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Transferring hydrogen atoms	0050.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Two vies of ATP synthase	0051.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
ATP cycle	0052.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Photosynthetic pigments	0053.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Photosynthesis summary	0054.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Carbon fixation	0055.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Electromagnetic spectrum	0056.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Leaf color	0057.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Light independent reactions	0058.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Light reactions	0059.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Noncyclic electron pathway	0060.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Organization of thylakoid	0061.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Calvin cycle	0062.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Electron transport chain and ATP production	0063.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Electron transport and ATP production	0064.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Energy conversion	0065.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Photosynthesis light-dependent reactions	0066.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Photosynthesis light-independent reactions	0067.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Auxin and plant growth	0068.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Auxin mode of action	0069.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Demonstrating phototropism	0070.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Gibberellin mode of action	0071.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Alternation of generations	0072.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Crossing over (1)	0073.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Overview of meiosis (1)	0074.swf	<i>Life Science Animations</i> CD-ROM Version 3.0

Crossing over (2)	0075.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Meiosis I	0076.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Overview of meiosis (2)	0077.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Meiosis II	0078.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Overview of meiosis (3)	0079.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Meiosis I and II	0080.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Meiosis	0081.rm	Stern, <i>Introductory Plant Biology, 8th ed.</i> OLC
Gene expression control	0082.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Transcription factors (1)	0083.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
DNA replication (1)	0084.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
DNA replication overview	0085.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
DNA replication steps	0086.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Replication comparison	0087.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Mendel's monohybrid cross	0088.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Mendel's dihybrid cross	0089.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Plotting a dihybrid cross	0090.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Independent assortment	0091.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Transcription (1)	0092.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Translation (1)	0093.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Transcription factors (2)	0094.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Transcription of RNA	0095.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Beginning translation	0096.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Complementary base pairing	0097.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
mRNA processing eukaryotes	0098.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Protein synthesis	0099.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Summary of gene expression	0100.swf	<i>Life Science Animations</i> CD-ROM Version 3.0

Translating a polypeptide	0101.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Condensed DNA	0102.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
DNA structure	0103.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
DNA packaging	0104.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
DNA replication (2)	0105.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Transcription (2)	0106.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Translation (2)	0107.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Polyribosome	0108.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
DNA repair	0109.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Polymerase chain reaction (1)	0110.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Cloning of a gene	0111.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Polymerase chain reaction (2)	0112.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Genetic drift	0113.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Speciation	0114.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Mutations	0115.rm	Stern, <i>Introductory Plant Biology</i> , 8th ed. OLC
Prokaryote structure	0116.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Chlamydomonas	0117.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Plasmodium Vivax life cycle	0118.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Sarcodines	0119.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Bread mold life cycle	0120.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Club fungi	0121.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Lichen morphology	0122.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Moss life cycle	0123.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Fern life cycle	0124.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Pine life cycle	0125.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Flowering plant life cycle	0126.swf	<i>Life Science Animations</i> CD-ROM Version 3.0

Development of dicot embryo	0127.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Fertilization	0128.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Symmetry in Nature	0129.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Primary succession	0130.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Secondary succession	0131.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Carbon cycle (1)	0132.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Nitrogen cycle (1)	0133.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Water cycle (1)	0134.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Carbon cycle (2)	0135.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Nitrogen cycle (2)	0136.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Water cycle (2)	0137.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Ecosystem organization	0138.swf	<i>Life Science Animations</i> CD-ROM Version 3.0
Global warming	0139.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Carbon cycle (3)	0140.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Nitrogen cycle (3)	0141.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Bioaccumulation	0142.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Acid rain	0143.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Ozone layer depletion	0144.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Exponential population growth	0145.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Stages of population growth	0146.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC
Rainshadow effect	0147.rm	Cunningham & Saigo, <i>Environmental Science</i> , 6th ed. OLC