



Cogent Education Interactive Cases	NGSS DCI	NGSS CCC and Practices	AP Biology
Diffusion	HS-LS 1, 2, 3	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Osmosis	HS-LS 1, 2, 3	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Filtration	HS-LS1-2 and 3	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Nitrogen	HS-LS2A, LS2B	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Photosynthesis	HS-LS 1-5	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Cell Respiration	HS-LS 1-7	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Membrane Potential		Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Membrane Transport		Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Synaptic Transmission		Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Action Potential		Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Meiosis	HS-LS1-1, HS-LS3-1, HS-LS3-2, HSLS4-2	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 3
Enzymes	HS-LS1-1, HS-LS1-3	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2
Protein Synthesis	HS-LS1-1	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2 & 3
Evolution	HS-LS4-5, HS-LS2-6, HS-LS2-7, HS-LS4-6	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 1
Cell Signaling	HS-LS1-3, HS-LS1-1	Practices 2,3,4,5,6,7,8: CCCs: 1-7	Big Idea 2 & 4

Interactive Case Standards Alignment provided by Dr. Georgia Hodges (College of Math and Science Education, The University of Georgia)