

# Year At a Glance: Honors Biology

2017-2018

	Week	Major Concepts / Topics	Possible Resources
Quarter 1	1-2	SC.912.N.1.1-1.3, 1.4, 1.6, 2.1, 2.2, 3.1, 3.4: Beginning Science skills, Nature/Practice of Science	<b>Cpalms. Org</b> for all topics. <b>Florida Student.org:</b> all topics <b>Bozemanscience:</b> Biological Molecules, Carbohydrates, Lipids, Nucleic Acids, Proteins, Water & Life, Water A Polar Molecule.
	3-5	SC.912.L.18.1-4, SC.912.P.8.7,L.18.13, 18.11, 18.12: Macromolecules/enzymes/water properties	
	6-9	SC.912.L.14.1-5: Cells	
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Quarter 2	1-2.5	SC.912.L.16.3-16.5, 16.9, L.15.15: DNA/Protein Synthesis	<b>Bozeman Science:</b> Cell Cycle, Mitosis, Phases of Mitosis, Meiosis, Phases of Meiosis. <b>Bozeman Science:</b> DNA & RNA, What is DNA? Transcription & Translation, Genetics, Genotypes and Phenotypes.
	2.5-5	SC.912.L.16.14-16, 16.17, 16.8: Cell Cycle/Meiosis	
	6-9	SC.912.L.16.1, 2, 14.6, HE.912.C.1.7/1.5: Genetics	
	Week	Major Concepts / Topics	Possible Resources
Quarter 3	1-3.5	SC.912.L.15.8, SC.912.L.15.2, 15.14, 15.1, 15.13, 15.10: Evolution	<b>Bozemanscience:</b> Evolution, Classification, Plants, Photosynthesis.
	3.5-5	SC.912.L.15.4- 15.6: Classification	
	6-9	SC.912.L.14.7, 18.7-18.10: Plants	
	Week	Major Concepts / Topics	Possible Resources
Quarter 4	1-5	SC.912.L.17.9, SC.912.P.10.1, E.7.1, L.17.4, 17.2, 17.5, 17.11, 17.13, 17.16, 17.20, 17.8: Ecology	<b>Bozemanscience:</b> Biotic & Abiotic Factors, Biogeochemical Cycling.
	6-8	SC.912.L.14.26, 14.27, 14.36, 14.52, 16.13: Human Body	
	8-9	SC.912.L.16.10, 16.12: Biotechnology	

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