

TOPIC		TIME (DAYS)
BIOCHEMISTRY	Atoms, molecules, matter	1
	Organic compounds	3
	Enzymes	1-2
CELL ORGANELLES	Cell theory	1.5
	Common structures	1.5
	Cell Organelles	4-5
	Plant vs. Animal Cell	1-2
CELL TRANSPORT	Passive transport/ diffusion (including labs)	3-4
	Cell environments	1
	Cell Membrane	2
	Cell Size	1-2
	Active transport	2

Testing and Review Days Not Included

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Review, including study guides, task cards, etc. is recommended for 2-3 days before a test.

TOPIC		TIME (DAYS)
CELL DIVISION	Mitosis	4-5
	Meiosis	4-5
DNA AND PROTEIN SYNTHESIS	Structure and Function	4
	Replication	1-2
	Protein Synthesis	3-4
MUTATIONS	Gene mutations	1-2
	Chromosomal	1
GENETICS	Mendelian Genetics / monohybrid crosses	3-6
	Dihybrid Crosses	1-2
	Complex Patterns	3-4
	Pedigrees	3-4

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TOPIC		TIME (DAYS)
CELL RESPIRATION	Basics/Intro	2
	ATP	2
	Alcoholic Fermentation	1-2
	Lactic Acid fermentation	1-2
	Electron Transport Chain	1-2
PHOTOSYNTHESIS	Basics	3
	Photosynthesis relationship with light/ATP	1
	Chloroplasts/Pigments (including any labs)	2
	Calvin Cycle	1
	Lab	1
	Cells of the Leaf/Stomata/CO ₂	1
ECOLOGY	Intro/Ecosystems/Succession	2-3
	Energy Flow	4-5
	Population Growth	4-5
	Biogeochemical Cycles (high school)	1.5
	Communities/Relationships/Interdependence	2.5

TOPIC		TIME (DAYS)
EVOLUTION	Intro/Darwin	2
	Natural Selection (including lab)	4-5
	Evidence	3-4
	Review	1-2
POPULATION GENETICS	Introduction/Types of Selection	1-2
	Normal Distribution	1
	Hardy Weinberg	1-2
CLASSIFICATION	Intro	1
	Binomial Nomenclature	1-2
	Taxonomy/Levels of Classification	3-4
	Dichotomous Keys	1-2
	Cladograms and Trees	2-3
	Phylogenies	1-2

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