

STRAND	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will í	# OF DAYS NEEDED FOR MASTERY	DATES TAUGHT	DATE ASSESSED	ASSESSMENT TYPE (classroom, STAR, objective, subjective, project, etc.)	RESOURCES (Materials, web sites, auto-visual, print)	LEARNING ACTIVITIES
12.3.1e	Scientific inquiry	Understand the 5 steps of the Scientific Method	3	Aug	8/30	objective		Metric system Lab safety
12.3.1d	Behavior of organisms	List and give an example of the 5 characteristics of living things	3	Aug	8/30	objective		Taxonomy
12.3.1b	Understanding of the cell	Compare function of cell organelles	4	Sept	9/12	objective	Multiple intelligences worksheet	Cell lab w/microscopes
12.3.1c	Understanding of the cell	Describe cellular transport methods (diffusion/osmosis)	4	Sept	9/12	objective		“Jell-o” plasma membrane
12.3.1c	Understanding of the cell	Explain the 2 steps of photosynthesis	6	Sept	9/20	objective	Chemistry models	
12.3.1c	Understanding of the cell	Explain the 4 steps of cellular respiration	8	Oct	10/3	objective	Chemistry models	Aerobic/anaerobic Exercise Fermentation

STRAND	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will í	# OF DAYS NEEDED FOR MASTERY	DATES TAUGHT	DATE ASSESSED	ASSESSMENT TYPE (classroom, STAR, objective, subjective, project, etc.)	RESOURCES (Materials, web sites, auto-visual, print)	LEARNING ACTIVITIES
12.3.1c	Understanding of the cell	Describe the steps of the cell cycle and mitosis	8	Oct	10/16	objective	United Streaming	Cancer article Mitosis slides
12.3.1c	Understanding of the cell	Describe the steps of meiosis and compare to mitosis	6	Oct	10/24	objective	United Streaming	Meiosis beads
12.3.2d	Basis of heredity	Use punnett squares to demonstrate heredity	7	Nov	11/6	objective		Bag activity
12.3.2c	Basis of heredity	Research common genetic diseases	10	Nov	11/21	Research paper and quiz	Internet sources	Punnett squares
12.3.2d	Basis of heredity	Create pedigree charts	6	Nov	11/29	objective		Queen Victoria and hemophilia
12.3.2b	Basis of heredity	Explain and diagram DNA structure	7	Dec	12/11	objective	United Streaming	Candy DNA

STRAND	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will í	# OF DAYS NEEDED FOR MASTERY	DATES TAUGHT	DATE ASSESSED	ASSESSMENT TYPE (classroom, STAR, objective, subjective, project, etc.)	RESOURCES (Materials, web sites, auto-visual, print)	LEARNING ACTIVITIES
12.3.2b	Basis of heredity	Compare RNA and DNA structure	6	Jan	1/10	objective		Protein synthesis w/K'nex
12.3.4a 12.3.4b 12.3.4c 12.3.4d	Theory of biological evolution	Debate the pros and cons of evolution	21	Jan/Feb	2/22	Debate and quiz	"The Real Eve"	Mating activity Human vs. ape
12.3.1a	Understanding of matter, energy, and organization	Compare 4 types of tissue	8	March	3/13	objective		Tissue slides
12.3.1a	Understanding of matter, energy, and organization	Identify major bones and muscles	7	March	3/26	objective	Flash cards	Bone/muscle worksheet
12.3.1a	Understanding of matter, energy, and organization	Compare organ systems (dig, resp, nerve, circ,etc.)	22	April	4/27	objective	Models/torso	Blood pressure Calories Fetal Pig Dissection
12.3.1a	Understanding of matter, energy, and organization	Identify athletic injuries and treatment	8	May	5/8	objective	Handouts	Physical tests