

**REDBANK VALLEY SCHOOL DISTRICT
SCIENCE CURRICULUM MAP**

BIOLOGY 2

PA SCIENCE & TECHNOLOGY STANDARDS	CHAPTER									
	TOPICS	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
UNIFYING THEMES	Plasma Membrane Theories				Genetic Inheritance Patterns			Predator-Prey Game		
INQUIRY & DESIGN					Fruit Fly Lab					
BIOLOGICAL SCIENCES	Cell Parts & Functions; Cell Division	Biochemical Pathways				Patterns of Inheritance	Population Genetics		Evolution & Natural Selection	Biotechnology & Genetic Engineering
PHYSICAL SCIENCE, CHEMISTRY, PHYSICS		Organic Chemistry Properties of Water	Biochemistry Oxidation Reduction					Big-Bang Theory		
EARTH SCIENCES									Geological Support for Evolution; Dating of Fossils	
TECHNOLOGY EDUCATION										Biotechnology & Transformation; Microbiology
SCIENCE, TECHNOLOGY, AND HUMAN ENDEAVORS										Ethics as it applies to Biotechnology

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PA ENVIRONMENT & ECOLOGY STANDARDS	WATERSHEDS & WETLANDS									
	RENEWABLE & NONRENEW RESOURCES									
	ENVIRONMENT HEALTH									
	AGRICULTURE & SOCIETY									
	INTEGRATED PEST MANAGEMENT									
	ECOSYSTEMS AND INTERACTIONS									
	THREATENED, ENDANGERED & EXTINCT SPECIES							Extinction: Predator-Prey Game; Why Populations Do Not Remain Constant		
	HUMANS & ENVIRONMENT									
	ENVIRONMENT LAWS									