

**REDBANK VALLEY SCHOOL DISTRICT  
SCIENCE CURRICULUM MAP**

**APPLIED PHYSICAL SCIENCE 9**

PA SCIENCE & TECHNOLOGY STANDARDS	CHAPTER										
	TOPICS	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	
	UNIFYING THEMES	Scientific Method; Metric Measurement	Scientific Method; Metric Measurement		Element Patterns			Newton's Laws of Motion			
	INQUIRY & DESIGN		Mass & Volume Labs	Density of Coins Lab	Atomic Structure Lab	Building Compounds	Egg Parachutes		Levers & Pulleys		
	BIOLOGICAL SCIENCES										
	PHYSICAL SCIENCE, CHEMISTRY, PHYSICS		Properties of Matter	Properties of Matter; Density	Elements & Atoms; Periodic Table	Compounds & Mixtures; Chemical formulas & reactions	Force & Motion; Friction & pressure	Energy & Work; Heat Transfers	Simple Machines	Waves, Sound, & Light	
	EARTH SCIENCES										
	TECHNOLOGY EDUCATION	Online Activities	Online Activities	Online Activities	Online Activities	Online Activities	Online Activities	Online Activities	Online Activities	Online Activities	
	SCIENCE, TECHNOLOGY, AND HUMAN ENDEAVORS		Careers in Physical Science								

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PA ENVIRONMENT & ECOLOGY STANDARDS	CHAPTER									
	TOPICS	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
	WATERSHEDS & WETLANDS									
	RENEWABLE & NONRENEW RESOURCES									
	ENVIRONMENT HEALTH									
	AGRICULTURE & SOCIETY									
	INTEGRATED PEST MANAGEMENT									
	ECOSYSTEMS AND INTERACTIONS									
	THREATENED, ENDANGERED AND EXTINCT SPECIES									
	HUMANS & ENVIRONMENT									
	ENVIRONMENT LAWS									