Active Physics Correlation to the VA Physical Science Standards

	C1	C2	C3	H1	H2	H3	M1	M2	M3	P1	P2	P3	S1	S2	S3	T1	T2	T3
PS.1a,b measurement	X		X	X				X	X		X		X	X	X	X	X	X
PS.1c graphing of data	X		X	X					X		X		X	X	X	X		
PS.1d research skills				X	X								X	X			X	
PS.1e controlled variables	X		X	X				X		X	X	X	X	X	X	X	X	
PS.1f conclusions from data	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PS.1g use of research methods				X	X								X	X			X	
PS.1h presentation of experimental results	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PS.2 nature of matter																		
PS.3 atomic structure																		
PS.4 elements and compounds																		
PS.5a physical changes																		
PS.5b nuclear reactions										X								
PS.5c chemical changes																		
PS.6a potential and kinetic energy													X	X	X			
PS.6b mechanical, chemical, and electrical energy		X			X	X												
PS.6c heat, light, and sound	X			X														
PS.7a phase changes, heat transfer				X														
PS.7b applications of heat transfer				X														
PS.8a wave properties and characteristics	X		X	X								X						
PS.8b technological applications of sound	X		X				X		X									
PS.9a properties of light	X		X					X										
PS.9b electromagnetic spectrum			X															X
PS.10a work . . . Newton's Laws											X			X			X	
PS.10b mechanical applications													X		X		X	
PS.11a electricity					X													
PS.11b electricity and magnetism		X				X												