

The Force of Water

NEXT GENERATION SCIENCE STANDARDS / MISSOURI LEARNING STANDARDS

PHYSICAL SCIENCE		Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6-8	
PS1 - Matter and Its Interactions	A - Structure and Properties of Matter	K.PS1.A.1		2.PS1.A.1	3.PS1.A.1		5.PS1.A.1	6-8PS1.A.1	
				2.PS1.A.2			5.PS1.A.2	6-8PS1.A.2	
								6-8PS1.A.3	
								6-8PS1.A.4	
	B - Types of Interactions of Matter				3.PS1.B.1		5.PS1.B.1	6-8PS1.B.1	
						5.PS1.B.2	6-8PS1.B.2		
PS2-Motion & Stability: Forces & Interactions	A- Forces and Motion	K.PS2.A.1		2.PS2.A.1	3-PS2-2	4.PS2.A.1	5-PS1-3	6-8PS2.A.1	
		K.PS2.A.2				4.PS2.A.2		6-8PS2.A.2	
	B-Types of Interaction				3.PS2.B.1	4.PS2.B.1	5.PS2.B.1	6-8PS2.B.1	
						4.PS2.B.2		6-8PS2.B.2	
							6-8.PS2.B.3		
PS3 - Energy	A- Definitions of Energy	K.PS3.A.1	1.PS3.A.1			4.PS3.A.1		6-8PS3.A.1	
								6-8PS3.A.2	
								6-8PS3.A.3	
								6-8PS3.A.4	
	B- Conservation of Energy and Energy Transfer	K.PS3.B.1					4.PS3.B.1		6-8.PS3.B.1
							4.PS3.B.2		
							4.PS3.C.1		
D- Energy in Chemical Process and Everyday						5.PS3.D.1			
PS4 - Waves and Their Applications in technologies for Information Transfer	A- Wave Properties		1.PS4.A.1	2.PS4.A.1		4.PS4.A.1	5.PS4.A.1	6-8PS4.A.1	
	B- Electromagnetic Radiation PS4							6-8PS4.A.2	
	C- Information Technologies and Instrumentation		1.PS4.C.1					MS-PS4-3	

ENGINEERING TECHNOLOGY and the APPLICATION OF SCIENCE		Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6-8
ETS1 - Engineering Design	A- Defining and Delimiting Engineering Problems	K.ETS1.A.1	1.ETS1.A.1	2.ETS1.A.1	3.ETS1.A.1	4.ETS1.A.1	5.ETS1.A.1	6-8.ETS1.A.1
	B- Developing Possible Solutions	K.ETS1.B.1	1.ETS1.B.1	2.ETS1.B.1	3.ETS1.B.1	4.ETS1.B.1	5.ETS1.B.1	6-8.ETS1.B.1
								6-8.ETS1.B.3
	C- Optimizing the Solution Process	K.ETS1.C.1	1.ETS1.C.1	2.ETS1.C.1	3.ETS1.C.1	4.ETS1.C.1	5.ETS1.C.1	

