



Science Lesson Plans:	Crosscutting Concepts								Scientific & Engineering Practices							
 <p><i>*Can be taught off-site</i></p>	Cause & Effect	Structure & Function	Stability & Change	Scale Proportion & Quantity	Systems & System Models	Energy & Matter	Patterns	Influence of SE&T on S&TNW	Asking & Defining Questions	Developing & Using Models	Planning & Carrying Out Investigations	Analyzing & Interpreting Data	Using Mathematical & Computational Thinking	Constructing Explanations & Designing Solutions	Engaging in Argument from Evidence	Obtaining, Evaluating, & Communicating Information
Adaptation/ Night Hike • PE: MS-LS 1-5 ,MS-LS 1-8 • DCI: LS1.B,LS1.D	X													X		X
Archery • PE: MS-PS 2-2, MS-PS3-1 • DCI: PS 2.A, PS3.A			X	X							X	X				
Conservation • PE: MS-LS2-1, MS-LS2-2 • DCI: LS2.A	X						X				X			X		
Fire Safety • PE: MS-ETS1-1, MS-ETS1-4 • DCI: ETS1.B, ETS1.C								X	X	X						
Plants • PE: MS-LS2-1, MS-LS4-2 • DCI: LS2.A, LS4.A	X						X					X		X		
Gateway Legacy • PE: MS-ESS2-2, MS-ESS2-3 • DCI: ESS2.A, ESS2.C, ESS2				X			X					X		X		
Hungry, Hungry Bears (conservation) • PE: MS-LS2-1, MS-LS2-4, MS-ESS3-3 • DCI: LS2.A, LS2.C, ESS3.C	X											X		X	X	
I Notice, I Wonder, It Reminds me of... • PE: MS-LS1-5 • DCI: LS1.B							X		X							X
Lichen (Cryptobiotic Soil) • PE: MS-LS2-1, MS-LS2-2 • DCI: LS2.A, LS2.A	X	X					X					X		X		

Owl Pellets • PE: MS-LS2-1, MS-LS2-2, MS-LS2-3 • DCI: LS2.A, LS2.C, LS2.B	X					X	X			X		X			
Soil • PE: MS-ESS2-1, MS-ESS2-2, MS-ESS2-4 • DCI: ESS2.A, ESS2.A, ESS2.C			X	X		X				X				X	
Solar System • PE: MS-ESS1-2, MS-ESS1-3 • DCI: ESS1.A, ESS1.B, ESS1.B				X	X					X		X	X		
Water Quality- Biological Analysis • PE: MS-LS2-1, MS-LS2-4, MS-PS11-2 • DCI: LS1.A, LS2.C, PS1.A	X		X				X					X			X
Stream Health 1 (Wowza Water- Fish) • PE: MS-LS2-1, MS-LS2-2, MS-LS2-4 • DCI: LS2.A, LS2.C, LS4.D	X		X				X					X		X	X
Travel to Gateway • PE: MS-ESS2-3, MS-ESS2-2, MS-LS2-2 • DCI: ESS2.A, ESS2.C, ESS2.B	X		X									X			

Social- Emotional Lesson Plans:	Self-Awareness				Self-Management				Social-Awareness				Social-Management			
	Students demonstrate awareness of their external supports.	Students demonstrate awareness of their personal traits.	Students demonstrate an awareness of their emotions.	Students have a sense of personal responsibility.	Students use effective decision-making skills.	Students demonstrate ability to manage their emotions constructively.	Students demonstrate honesty/integrity.	Students demonstrate ability to set and achieve goals.	Students demonstrate an awareness of other people's emotions and perspectives.	Students demonstrate consideration for others and a desire to positively contribute to their community.	Students demonstrate an awareness of cultural issues and a respect for human dignity and differences.	Students can read social cues.	Students use positive communication and social skills to interact effectively with others.	Students develop constructive relationships.	Students demonstrate the ability to prevent, manage, and resolve interpersonal conflicts in constructive ways.	
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Closing Ceremony		X												X		
Fire Story		X	X											X		
Launch	X						X				X		X		X	
Low Ropes							X	X	X	X		X				

