


HS: 11-12 grades	 Education & Outreach	BEMP Monthly Monitoring	BEMP Study Trip	River of Change	BEMP Basics	Bosque Botany Bonanza	Bosque Succession Game	Leaf Litter Lab	Agua Adventures	Water Budget of the Rio Gande	Dabbling in Data	Storm-water Science	Fauna of the Floodplain Jr.	Fauna of the Floodplain Sr.	Creepy Crawly Critters	Congress (7-12th)	
BEMP Correlation to Common Core Standards	English & Language Arts																
	Informational Text																
	11-12.4: meaning of words and phrases		•	•	•			•								•	
	11-12.7: Eval multiple sources of info	•	•	•	•			•		•	•	•				•	
	Speaking & Listening																
	11-12.2: integrate info from diverse formats	•	•					•			•					•	
	11-12.3: Eval.sSpeaker's POV	•	•													•	
	11-12.4: Present info	•	•													•	
	11-12.5: Use digital media															•	
	11-12.6: Adapt speech to diff. contexts	•	•													•	
	Language																
	11-12.1: Understand Eng. Grammar	•	•		•	•			•	•	•	•	•	•	•	•	•
	11-12.2: Understand punctuation	•	•		•	•			•	•	•	•	•	•	•	•	•
	11-12.3: Understand language context	•	•		•	•			•	•	•	•	•	•	•	•	•
	11-12.4: Determine meaning of words	•	•		•	•			•	•	•	•	•	•	•	•	•
	11-12.6: Use domain-specific vocab	•	•		•	•			•	•	•	•	•	•	•	•	•
	History/Social Studies																
	11-12.7: integrate info from diverse formats	•	•						•			•					•
	11-12.8: eval author's premise				•												
	Science & Technical Subjects																
	11-12.3: follow procedure	•	•			•			•		•	•					
	11-12.4: understand symbols, vocab	•	•		•				•								
	11-12.6: analyze author's purpose	•	•			•											
	11-12.7: integrate info from diverse formats				•							•	•				•
	11-12.8: Eval components of scientific text	•															•
	Writing (History/SS, Science & Tech. Subjects)																
	11-12.2: write informative text				•												•
	11-12.7: research project	•	•														•
	11-12.10: write routinely; journal				•												•
	Mathematics																
	Quantities																
	Q.A.1: Using units	•	•									•					•
	Q.A.2: Defining quantities for models	•	•					•				•					•
	Q.A.3: Choose level of accuracy	•	•									•					•
	Stat & Prob: Interp. Data																
	ID.A.1: Data plots	•										•					
	ID.A.3: Interpret data sets	•										•					
	ID.C.9: Distinguish btwn correlation & caus	•	•		•				•			•			•		•
	Stat & Prob: Inferences & Concl.																
	IC.A.1: Use stats to make inferences	•										•					
	IC.B.3: use randomization in experim.	•	•														
	Science																
	Bmrk 1: Scientific Method																
	1. Describe components of sci investigation	•										•	•				
	2. Design & conduct sci investigation	•										•					
3. Use appropriate technology	•				•							•					
4. convey results of investigation	•										•					•	
Bmrk 2: Science continually eval																	
1. Understand sci produces valid results	•	•			•												
2. Use sci reasoning/logic	•	•			•			•									
3. New data=new knowledge	•	•			•											•	
Bmrk 3: Use math skills, vocab																	
1. create multiple displays of data	•	•														•	
3. Use tech. to quantify results	•	•									•						
4. Apply measurement techniq.	•	•									•						
5. Use math for sci relationships	•	•									•						
Bmrk 1: survival depends on diversity																	
1. Ecosystem dynamic, complex, evolving	•	•						•	•					•	•		
2. Cooperation and competition	•	•						•	•					•	•		
3. Limited resources	•	•						•	•					•	•		
4. How humans modify ecosystems	•	•						•	•					•	•		
5. Energy/matter flows thru ecosystems	•	•						•	•					•	•		
6. Trohpic energy levels	•	•						•	•					•	•		
7. Photosynthesis	•	•						•	•					•	•		
8. Taxonomy	•	•						•	•					•	•		
9. Variation among/within species	•	•						•	•					•	•		
Bmrk 1: Real world applications																	
9. Sci knowledge informs policy	•	•		•	•					•						•	
11. Societal factors affect sci discovery	•	•		•	•			•		•						•	
12. Societies alter ecosystems	•	•		•	•			•		•				•		•	
13. Env, eco, polit, interests impact resource	•	•		•	•			•		•						•	
19. Science applicable in many careers	•	•		•	•			•		•						•	

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