


4th grade	 Education & Outreach Activities	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 Grande	Dabbling in Data	Storm-water Science	Fauna of the Floodplain Jr.	Fauna of the Floodplain Sr.	Creepy Crawly Critters	Congress (4-6th)
BEMP Correlation to Common Core Standards	English & Language Arts															
	Literature															
	4.1: details and examples in text		•	•					•		•	•	•		•	•
	4.2: determine a theme from text				•				•		•	•	•		•	•
	4.7: make connections b/w text and preser	•	•	•	•	•			•		•	•	•		•	•
	Informational Text															
	4.1: refer to details and examples	•	•	•	•	•			•		•	•	•		•	•
	4.3: explain events, ideas, concepts, etc.			•	•	•			•		•	•	•		•	•
	4.4: determine the meaning of words/phrases			•	•	•			•		•	•	•		•	•
	4.5: describe the structure of events, ideas	•	•	•	•	•			•		•	•	•		•	•
	4.7: interpret and explain information	•	•	•	•	•			•		•	•	•		•	•
	Foundational Skills															
	4.3: know and apply phonics & word analy	•	•	•	•	•			•		•	•	•		•	•
	4.4: read to support comprehension	•	•	•	•	•			•		•	•	•		•	•
	Writing															
	4.2 write informative/explanatory texts			•	•	•			•		•	•	•		•	•
	4.4: produce clear writing content	•	•	•	•	•			•		•	•	•		•	•
	4.7: conduct short research projects	•	•	•	•	•			•		•	•	•		•	•
	4.8: recall relevant information	•	•	•	•	•			•		•	•	•		•	•
	Speaking & Listening															
	4.1: collaborative discussions	•	•	•	•	•			•		•	•	•		•	•
	4.2: paraphrase information	•	•	•	•	•			•		•	•	•		•	•
	4.4: report on a topic with details, etc.	•	•	•	•	•			•		•	•	•		•	•
	4.6: differentiate between informal/forma	•	•	•	•	•			•		•	•	•		•	•
	Language															
	4.1: demonstrate command of grammar	•	•	•	•	•			•		•	•	•		•	•
4.2: demonstrate command of writing/spe	•	•	•	•	•			•		•	•	•		•	•	
4.3: use knowledge of language	•	•	•	•	•			•		•	•	•		•	•	
4.4: determine/clarify words and phrases	•	•	•	•	•			•		•	•	•		•	•	
4.5: demonstrate understanding of langua	•	•	•	•	•			•		•	•	•		•	•	
4.6: acquire and use appropriate words/ph	•	•	•	•	•			•		•	•	•		•	•	
Mathematics																
Operations & Algebraic Thinking																
4.5: Generate and Analyze Patters	•						intended for 7th grade and up	intended for 5th grade and up						intended for 6th grade and up		
Measurement & Data																
4.1: know relative sizes of units: km, cm, ir	•															
4.4: Line plot to display data	•															
Science																
Bmrk 1: Scientific Method																
1. Use instruments	•	•			•						•	•		•	•	
2. Differentiate obs and interp	•	•			•	•			•		•	•		•	•	
3. Conduct multiple trials to test predic	•	•			•	•			•		•	•		•	•	
4. Collect data using multiple techniques	•	•			•	•			•		•	•		•	•	
Bmrk 2: Communicate findings																
1. Present findings; get critique	•	•			•	•			•		•	•		•	•	
2. Describe differing investigation tech	•	•			•	•			•		•	•		•	•	
3. Understand data explains functions	•	•			•	•			•		•	•		•	•	
Bmrk 3: Use math skills, vocab																
1. Conduct multiple trials	•	•			•	•			•		•	•		•	•	
2. Use equations	•	•			•	•			•		•	•		•	•	
Bmrk 1: living things are diverse																
1. Body structure determins function			•	•	•	•							•	•	•	
2. Senses recog. Stimuli			•	•	•	•							•	•	•	
3. Photosynthesis			•	•	•	•							•	•	•	
4. Relationships and food chains	•	•	•	•	•	•							•	•	•	
Bmrk 2: Things change over time																
1. Survival of the fittest			•	•	•	•							•	•	•	
2. change in phys struc/behavior can improve survival			•	•	•	•							•	•	•	
3. Adaptations to improve survival			•	•	•	•							•	•	•	
Bmrk 2: Structure of Earth																
3. Local weather=patterns of change	•	•			•	•								•	•	
Bmrk 1: Sci. influences decisions																
1. Pollutants in envi exist			•	•	•	•			•			•	•	•	•	
4. Anyone can do science as career	•	•	•	•	•	•			•			•	•	•	•	

Updated: Aug 2017