



Science City at Union Station

 Kansas Science Standards Benchmarks Grades K-12	Planetarium	Music Park	Astronaut Training Center	Mr. E Hotel	Train Spotter's Roost	Crime Lab	Severe Storm Center	Helipoint	Butler Black hawk	Sky Bike	Water Maze	S.O.A.R. Labs	Body Tour	Hale N. Hearty Clinic	City Golf & Sports	Dino Lab	Nature Center	Cave	Tree House	Prehistoric Dig	Light Alley	Public Works
Science as Inquiry																						
Abilities to do; understanding about inquiry	√	√	√	√	√	√	√			√	√	√	√	√	√	√	√	√	√	√	√	√
Apply investigations to questions						√				√	√	√		√	√	√				√		
Analyze scientific advances			√			√	√		√			√				√						
Physical Science																						
Skills to describe objects		√	√		√	√					√	√				√	√	√	√	√		
Describe movement of objects	√		√		√		√			√	√	√			√							√
What makes sound		√																√	√			
Properties of matter; Property changes											√					√						
Motion and forces	√		√		√					√	√	√			√							√
Energy transfer; Interactions matter & energy												√			√							√
Life Science																						
Characteristics living things						√							√	√		√	√	√	√	√		
Organisms in their environment																√	√	√	√	√		
Life cycles of organisms																√	√					
Structures and functions of organisms													√	√		√	√		√			
Reproduction and heredity																√						
Effect of external environment																√						
Interactions of populations within ecosystem																√						
Diversity; adaptations; extinction																√	√		√	√		
Biological evolution																√	√		√	√		
Animal behavior																√	√					
Earth and Space Science																						
Properties of earth materials	√															√		√		√		
Changes in weather							√															
Changing earth structure							√											√				
Past and present earth processes																√	√		√			
Planets and solar system components	√		√																			
Actions geosphere, hydrosphere			√				√															
Origin and evolution of earth system																√				√		
Science and Technology																						
Use technology to learn about world			√		√	√	√	√	√	√	√	√	√	√							√	√
Work with technology design			√		√	√	√	√	√		√	√										√
Distinguish natural/human made objects			√		√	√						√				√						
Abilities of technological design			√		√	√	√	√	√		√	√										√
Understanding of science & technology			√				√	√	√	√	√											√

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	Personal and Environmental Perspectives																					
Personal health: responsibility; decisions														√	√							
Functioning human systems													√	√								
History and Nature of Science																						
People practice science			√			√	√		√		√	√				√					√	
Scientific habits of mind				√		√										√						
Historical contributions to science			√						√			√				√					√	
Science is human endeavor			√			√	√		√		√	√				√					√	
Nature of scientific knowledge	√		√			√						√				√					√	
Understanding history of science			√						√			√				√					√	