Academic Standards Connected to Coon Rapids Dam Curriculum

Kindergarten & 1st Grade

SUB	Kindergarten standard	Puppet Show	Deer	Classifying Fish	Bugs, Butterflies & Beetles	Reptiles & Amphibians	Tracks & Patterns	River Rocks	Pond I	Recycling & Rot	Seeds	Mammals	Weather	Animal Builders	Snowshoeing	Mussels of the Mississippi	Orienteering	Wetlands in Winter	Finding Your Way	Skull Inquiry	Pond II	Soils
SCI	0.3.2.2.1 Monitoring weather		●											●								
	0.1.1.2.1 Descriptions of observations		●	●	●	●	●	●	●	●	●	●										
	0.2.1.1.1 Physical properties				●	●	●	●	●	●	●	●										
	0.4.2.2.1 Components in a system									●	●											
MATH	0.2.1.1 Patterns							●														
	0.3.2.1 Comparing objects				●	●		●														
PE	0.1.4 Physical control							●								●						
	0.2.2 Movement vocabulary			●								●			●	●						
	0.3.1 Engage in physical activity			●												●						
	0.5.2 Appropriate use of equipment					●				●		●				●						

	1st grade standard																					
SCI	1.1.1.1.1 Observations for questions		●	●	●	●	●		●	●												
	1.3.1.3 Earth Materials							●														
	1.4.1.1.1 Characteristics of animals	●		●	●	●			●	●		●		●	●							
	1.4.2.1.2 Habitats & needs	●										●		●								
	1.4.3.1.1 Animal life cycles				●				●	●		●		●								
MATH	1.2.1.1 Patterns						●															
PE	1.1.4 Travel around objects		●												●							
	1.3.3 Physical activity		●				●								●							
	1.5 Responsible behavior		●				●		●		●			●	●							
	1.5.3 Takes turns				●						●											

Academic Standards Connected to Coon Rapids Dam Curriculum

2nd & 3rd Grades

SUB	2nd grade standard	Puppet Show	Deer	Classifying Fish	Bugs, Butterflies & Beetles	Reptiles & Amphibians	Tracks & Patterns	River Rocks	Pond I	Recycling & Rot	Seeds	Mammals	Weather	Animal Builders	Snowshoeing	Mussels of the Mississippi	Orienteering	Wetlands in Winter	Finding Your Way	Skull Inquiry	Pond II	Soils
SCI	2.1.1.2.1 Questions to observations				•	•	•	•		•	•			•	•							
	2.1.2.2 Engineering and Design											•			•							
	2.2.1.1.1 Describing objects				•	•	•	•	•			•	•		•							
	2.2.1.2.1 Physical properties change								•													
	2.3.2.2.1 Weather observation													•								
	2.4.2.1.1 Plant needs										•											
	2.4.3.1.1 Plant life cycles										•	•										
PE	2.5.3 Conflict resolution				•					•						•						

	3rd grade standard																					
SCI	3.1.1.1.1 Evidence to support claims		•	•	•	•	•		•	•												
	3.1.1.2 Inquiry						•															
	3.1.1.2.1 Questions for investigations									•												
	3.1.3.2.1 Use of evidence						•															
	3.1.3.4 Tools and mathematics													•						•		
	3.4.1.1.1 Structure & function			•	•	•			•	•		•			•							
	3.4.1.1.2 Groups of plants & animals			•	•	•			•	•		•										
	3.4.3.2 Variation in plants & animals		•		•							•										
MATH	3.4.1.1 Collect and interpret data						•															
PE	3.1.1 Mature form of motor skills									•					•							
	3.5.2 Cooperative behavior				•				•													

Academic Standards Connected to Coon Rapids Dam Curriculum

4th Grade

SUB	4th grade standard	Deer	Classifying Fish	Snowshoeing	Survival	Teambuilding	Water Cycles	Boats	Archery	Bird Families	River Geology	Landforms	River Study	River Invertebrates	Mussels of the Mississippi	Orienteering	Wetlands in Winter	Finding Your Way	Skull Inquiry	Pond II	Soils
SCI	4.1.2.1.1 Impact of designed world								●				●								
	4.1.2.2.1 Design solutions				●																
	4.1.3.3.1 Inventions lead to other inventions				●																
	4.2.1.1 Properties											●									
	4.2.1.1.1 Measurement tools & units													●							
	4.2.3.1.2 Forces from magnets																●		●		
	4.3.1.3 Rocks & minerals											●									
	4.3.2.3.1 Water cycle							●	●									●			
	4.3.4.1 Water												●					●			
MATH	4.3.2A Angles																●		●		
PE	4.1.2 Adapt a Skill				●					●											
	4.1.3 Specialized Movement				●					●											
	4.2.1 Improve personal performance									●											
	4.2.5 Strategies for improvement									●											
	4.5 Responsible behavior				●	●	●			●				●	●		●		●		●
	4.5.3 Working Cooperatively					●	●														
	4.6.3 Positive interactions with others					●	●														
	4.6.1 Enjoyment of physical activity									●				●	●		●		●		

Academic Standards Connected to Coon Rapids Dam Curriculum

5th & 6th Grades

SUB	5th grade standard	Deer	Classifying Fish	Snowshoeing	Survival	Teambuilding	Water Cycles	Boats	Archery	Bird Families	River Geology	Landforms	River Study	River Invertebrates	Mussels of the Mississippi	Orienteering	Wetlands in Winter	Finding Your Way	Skull Inquiry	Pond II	Soils
SCI	5.1.1.1 A way of knowing													●							
	5.1.1.1.4 Models represent natural phenomena							●					●								
	5.1.1.2 Inquiry														●					●	
	5.1.1.2.2 Collect evidence & make observations																	●			
	5.1.3.4.1 Using scientific tools										●					●					
	5.1.3.4.2 Creating & analyzing maps												●								
	5.2.2.1 Forces and Motion									●											
	5.3.1.2 Surface changes											●	●								
	5.3.1.2.1 Rocks to soil																				●
	5.3.4.1 Human interaction with earth systems							●					●								
	5.3.4.1.3 Impact of decisions													●							
	5.4.1.1 Diversity of living things										●			●		●		●			
	5.4.1.1.1 Diversity: structures & survival														●					●	●
	5.4.2.1 Interdependence among living systems										●		●	●	●	●		●			●
	5.4.4.1 Human interactions with living systems							●			●		●	●		●		●			
MATH	5.2.1.2 Ordered pairs										●										

	6th grade standard																				
SCI	6.1.2.1 Engineering and Design								●					●				●			
	6.1.3.1 Systems																				
	6.2.2.2 Forces								●				●								
MATH	6.1.1.1 Locating numbers on a coordinate grid										●										
	6.3.2.1 Angles and intersecting lines																●		●		