

4th Grade Science Grade Level Indicators

Programs	Earth & Space Sciences					Life Sciences	Science & Technology	Physical Sciences			Scientific Inquiry	Scientific Ways of Knowing	
	Earth Systems		Processes that Shape the Earth			Diversity & Interdependence of Life	Abilities to do Design	Nature of Matter			Doing Scientific Inquiry	Nature of Science	
	2. Identify how water exists in the air in different forms.	3. Investigate how water changes from one state to another.	8. Describe how wind, water and ice shape and reshape Earth's land surface by eroding rock and soil and depositing them in other areas producing characteristic landforms.	9. Identify and describe how freezing, thawing and plant growth reshape the land surface by causing the weathering of rock.	10. Describe evidence of changes on Earth's surface in terms of slow processes.	5. Describe how organisms interact with one another in various ways.	3. Describe, illustrate and evaluate the design process used to solve a problem.	1. Identify characteristics of a simple physical change.	3. Describe objects by the properties of the materials from which they are made and that these properties can be used to separate or sort a group of objects.	4. Explain that matter has different states and that each state has distinct physical properties.	4. Explain the importance of keeping conditions the same in an experiment.	2. Record the results and data from an investigation and make a reasonable explanation.	3. Explain discrepancies in an investigation using evidence to support findings.
Benthic Bugs and Bioassessment													
Enviroscape													
Freddie the Fish													
Ground Water													
Incredible Journey	X	X						X		X		X	
Soil Sleuths			X	X	X	X			X				X
Streamulator			X		X		X				X	X	
Stream Quality Monitoring													
Web of Life						X							