

Indiana's Ancient Seas

Indiana State Academic Standards for Lesson 1 of Hoosier History and Indiana State Parks elementary school curriculum.

Activity:	Standards:	Benchmarks:	Assessment Tasks:	Key Concepts:
Fossil Match	SCI.4.3.2 2010	Observe, compare and record the physical characteristics of living plants or animals from widely different environments. Describe how each plant or animal is adapted to its environment.	Understand that species in the seas today come from species that lived when Indiana was covered by ancient seas.	Fossils Adaptations Geologic Time Indiana's history of an ancient sea
	SCI.4.3.3 2010	Design investigations to explore how organisms meet some of their needs by responding to stimuli from their environments	Explain how a fossil is formed.	
	SCI.4.3.4 2010	Describe a way that a given plant or animal might adapt to a change arising from a human or non-human impact on its environment.	Explore how ancient sea species adapted to survive or died.	
	SS.4.3.1 2007	The World in Spatial Terms: Use latitude and longitude to identify physical and human features of Indiana. Example: Transportation routes and major bodies of water (lakes and rivers)	Identify the location of Indiana State Parks using latitude and longitude	
	ELA.4.SL.2.1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) on grade-appropriate topics and texts, building on others' ideas and expressing personal ideas clearly.	Understand ways that the valuable resources at Falls of the Ohio and Clifty Falls are protected.	
	ELA.4.SL.2.4	Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.	Understand ways that the valuable resources at Falls of the Ohio and Clifty Falls are protected.	
A Walk Through Time	ELA.4.SL.2.1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) on grade-appropriate topics and texts, building on others' ideas and expressing personal ideas clearly.	Understand the formation of geological layers at Clifty Falls	
	ELA.4.SL.2.4	Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.	Understand ways to present geological information in an understandable format	