

## EXTENDED IN-DEPTH INSTITUTES

Recommended duration: one week / 25 - 30 hours during the summer (sessions can be combined to cover a grade's whole curriculum in 3 weeks.)

\* Content courses can include pre-post learning assessment.

\* Subjects and options are only suggestions. Offerings are most effective if we design to custom-fit your district/school/group's needs.

All topics, grade ranges and suggested durations are flexible.

TOPIC	PREK-2	3 <sup>rd</sup> GRADE	4 <sup>th</sup> GRADE	5 <sup>th</sup> GRADE	6 <sup>th</sup> GRADE	7 <sup>th</sup> GRADE	8 <sup>th</sup> GRADE
<b>SUMMER INQUIRY INSTITUTES</b>	<b><i>“Doing What Scientists Do: Science in the Pre-K to 3 Classroom”</i></b> Intensive work with teachers. Focused on teaching educators the true nature of scientific endeavors, with effective strategies for practicing it in the classroom. Range of content and experiences.		<b><i>“Strategies for Classroom Inquiry” or “Fostering Inquiry in Instructional Practice”</i></b>  Intensive work with teachers Focused on first-hand experiences with the nature of scientific investigations, developmentally appropriate pedagogy and effective classroom strategies. Tied less to one specific content area and focused more on a variety of rich science learning and teaching experiences. Better choice than one specific content area if the requesting entity is serving a broad range of grades such as 3-5 or 6-8.				
	<b><i>“INQUIRY IN THE _____<sup>TH</sup> GRADE [pick one] EARTH/LIFE/PHYSICAL SCIENCE CLASSROOM.”</i></b> Intensive work with teachers. Teaches in-depth content through heavy involvement in Inquiry-Based Learning. Works best if tied to a specific curriculum and grade group.						
<b>SUMMER CONTENT INSTITUTES</b>	<b><i>CONTENT COULD INCLUDE, BUT IS NOT LIMITED TO:</i></b>	<b>EARTH MATERIALS</b>	<b>LAND AND WATER</b>	<b>INVESTIGATING LANDFORMS</b>		<b>RESTLESS EARTH</b>	
		<b>CRITTERS IN THE ELEMENTARY CLASSROOM</b>	<b>STRUCTURES OF LIFE</b>	<b>HABITATS / ECOSYSTEMS</b>		<b>HEREDITY AND CLASSIFICATION</b>	
		<b>NOTIONS OF MOTION</b>			<b>ASTRONOMY</b>		
							<b>LET THERE BE LIGHT!</b>