

ESI-1 Week 2 in UP (Day 10)
July 16, 2010
7th Grade Earth Science

GLCE Curriculum Code	
S.IP = Science Processes. Inquiry Process S.IA = Science Processes. Inquiry Analysis and Communication S.RS = Science Processes. Reflection and Social Implications	E.ES = Earth Science. Earth Systems E.FE = Earth Science. Fluid Earth E.ST = Earth Science. Earth in Space and Time P.EN = Physical Science. Energy

Location- Glacial Grooves and Kettle Lake	
Inquiry – Investigation-CER	7th Grade Textbook- All Units
Learning Outcomes:	GLCE
<ul style="list-style-type: none"> ○ Inquiry involves generating questions, conducting investigations, and developing solutions to problems through reasoning and observation. ○ Inquiry includes an analysis and presentation of findings that lead to future questions, research, and investigations. ○ Reflecting on knowledge is the application of scientific knowledge to new and different situations. Reflecting on knowledge requires careful analysis of evidence that guides decision-making and the application of science throughout history and within society. 	<p>S.IP.M.1</p> <p>S.IA.M.1</p> <p>S.RS.M.1</p>

Location- Wetland	
Photosynthesis	Photosynthesis Unit On-line Kent County Intermediate School District
Learning Outcomes:	GLCE
<ul style="list-style-type: none"> ○ Recognize the need for light to provide energy for the production of carbohydrates, proteins and fats. ○ Explain that carbon dioxide and water are used to produce carbohydrates, proteins, and fats. ○ Describe evidence that plants make, use and store food. ○ Explain how light energy is transferred to chemical energy through the process of photosynthesis. ○ Describe growth and development in terms of increase of cell number and or cell size. ○ Examine how through cell division, cells can become specialized for specific functions. 	<p>L.OL.07.61</p> <p>L.OL.07.62</p> <p>L.OL.07.63</p> <p>P.EN.07.43</p> <p>L.OL.07.31</p> <p>L.OL.07.32</p>

Location- Greenhouse at Gierke's	
Photosynthesis	Photosynthesis Unit On-line Kent County Intermediate School District
Learning Outcomes:	GLCE
<ul style="list-style-type: none"> ○ Recognize the need for light to provide energy for the production of carbohydrates, proteins and fats. ○ Explain that carbon dioxide and water are used to produce carbohydrates, proteins, and fats. ○ Describe evidence that plants make, use and store food. ○ Explain how light energy is transferred to chemical energy through the process of photosynthesis. ○ Describe growth and development in terms of increase of cell number and or cell size. ○ Examine how through cell division, cells can become specialized for specific functions. 	<p>L.OL.07.61</p> <p>L.OL.07.62</p> <p>L.OL.07.63</p> <p>P.EN.07.43</p> <p>L.OL.07.31</p> <p>L.OL.07.32</p>