

Edison Environmental Science Academy – Essential Questions						
			Life Science		Earth Science	
			Quarter 1	Quarter 2	Quarter 3	Quarter 4
			Living Things	Ecosystems	Land & Water	Earth Systems
<b>Market Economy</b>	Awareness	K	How do people use living things?	How do the wants and needs of humans affect where they live?	How do we use energy to move goods?	How is agriculture affected by weather and seasons?
		1 <sup>st</sup>	How do use living things responsibly?	How can climate change have an effect on both the local market economy and ecosystem?	How do scientists use data to show change?	What are the implications in the use of solar energy to producers and consumers?
	Global Economy	Experience	2 <sup>nd</sup>	How do local restaurant get their produce in the winter?	How can humans make economic choices that have a positive impact on an ecosystem?	How does conserving natural resources affect us?
3 <sup>rd</sup>			What are the relationships between changes in the environment and the economy?	What causes businesses to make economic decisions that have a positive impact on an ecosystems?	What natural resources do we use to generate energy economic opportunities?	How can economic incentives offered by the government influence the use of alternative energy sources?
Attitudes & Skills		4 <sup>th</sup>	How can the survival of a species impact the economy?	How do disturbances in the food web impact ecological and economic systems?	What are the relationships between industries and Michigan's Waterways?	What are the implications for producers and consumers when choosing alternative energy sources?
	5 <sup>th</sup>	How are systems affected when something new is introduced?	How did technological development impact the economy and ecosystem during the establishment of the United States?	How is exploration driven by economics	How does climate affect people?	