

Blue Moon Cruises
Correlation to Tennessee *Environmental Science* High School Standards

<p>1.0 Ecological Principals</p>	<p>5.0 Human & Interaction with the Environment</p>	<p>6.0 Personal & Civic Responsibility</p>
<p>1.1 structure and function of ecosystem</p> <p>1.3 population dynamics</p> <p>1.5 interdependence in ecosystems</p> <p>1.6 vulnerability of a species to extinction</p>	<p>5.1 controlling pollution</p> <p>5.3 watershed management</p>	<p>6.1 personal views concerning the environment</p> <p>6.2 responsibilities in maintaining a healthy environment</p>
<p style="text-align: center;">Additional Activities</p> <ul style="list-style-type: none"> • Categorize organisms as producers, consumers, or decomposers • Construct and interpret graphs associated with an organism's needs within a habitat • Draw a food web, given organisms and their role in the environment. • Identify possible causes of extinction. • Construct food webs for organisms in an ecoregion of Tennessee 	<p style="text-align: center;">Additional Activities</p> <ul style="list-style-type: none"> • Compare and contrast pollution problems in different places in TN. • Identify sources of contaminated runoff, given a map with land uses indicated. • Suggest risk-reduction actions for potentially hazardous substances. 	<p style="text-align: center;">Additional Activities</p> <ul style="list-style-type: none"> • Identify ways to contribute to environmental quality in the community • Describe the potential impact of citizen participation on issues related to the environment and their community. • Develop an action plan for addressing an environmental issue and participate thoughtfully and effectively in environmental decision-making.