

## Project Rubric: Coral Systems

Standard/Content/Skill Being Assessed	Feedback for Improvement	Succeeding - Proficient	Feedback Where Work Exceeds the Standard
<i>Skills</i>			
Generates questions and uses research to contribute to a collaborative discussion. <b>(Inquiry-Based Discussions)</b>		<i>Determine your standard for proficient "Inquiry-Based Discussions" here.</i>	
Consider nodes (factors) and their relationships within a system. <b>(Systems Thinking)</b>		<i>Determine your standard for proficient "Systems Thinking" here.</i>	
Applies valid reasoning, informed judgment, and identified a problem within a system to form ideas or solve problems. <b>(Critical Thinking)</b>		<i>Determine your standard for proficient "Critical Thinking" here.</i>	
Applies understanding of how one factor contributes to the result of another factor. <b>(Cause and Effect)</b>		<i>Determine your standard for proficient "Cause and Effect" here.</i>	
<i>Formative Assessments</i>			
Draw evidence from informational texts to support analysis, reflection, and research. <b>(CCSS.ELA-LITERACY.WHST.6-8.9)</b>  <i>See, Think, Wonder Group Investigation: Reefs Socratic Seminar Exit Ticket</i>		Supported analysis, reflection, and research by outlining and evaluating the arguments in a specific text.	
Conduct short research projects. <b>(CCSS.ELA-LITERACY.W.8.7)</b>  <i>Coral Vocabulary Check-In Group Investigation: Reefs Socratic Seminar Exit Ticket</i>		Conducted a short research project to answer a question. Used limited resources. Generated additional related, focused questions.	

*Final Product & Presentation*

Analyze and interpret data.  
**(NGSS MS-LS2-1  
Ecosystems: Interactions,  
Energy, and Dynamics)**

*Node Connection Practice 2  
Final Systems Map  
Final Presentation*

Analyze and interpret data to  
provide evidence for the  
effects of resource  
availability on organisms  
and populations of  
organisms in an ecosystem.

Construct an explanation  
that predicts patterns.  
**(NGSS MS - LS2 -2  
Ecosystems: Interactions,  
Energy and Dynamics)**

*Node Connection Practice 2  
Final Systems Map  
Final Presentation*

Constructed an explanation  
that predicts patterns of  
interactions among  
organisms across multiple  
ecosystems.