

**Rubric for Assessing Student Performance
Grade 5 – Interactions in Ecosystems**

Name: _____

Date: _____

THE STUDENT....	Below Expectations (1 point for each box)	Meets Standards (2 points for each box)	Exceeds Standards (3 points for each box)
INCLUDES A DESCRIPTION OF THE ECOSYSTEM	<input type="checkbox"/> Description is not included <input type="checkbox"/> Needed extensive assistance from teacher	<input type="checkbox"/> Ecosystem is described. <input type="checkbox"/> Some assistance may have been needed from the teacher	<input type="checkbox"/> Ecosystem is described and a drawing is included with labels. <input type="checkbox"/> No teacher assistance was needed
INCLUDES ONE PLANT AND ONE ANIMAL IN THE ECOSYSTEM AND COMPARES THEIR LIFE CYCLES	<input type="checkbox"/> Plants and animals are not included or are inappropriate <input type="checkbox"/> Needed extensive assistance from teacher	<input type="checkbox"/> One plant and one animal are appropriate, and life cycles are compared <input type="checkbox"/> Some assistance may have been needed from the teacher	<input type="checkbox"/> More than one plant and animal is included and life cycles are compared. <input type="checkbox"/> No teacher assistance was needed
INCLUDES WAYS THAT THE WATER CYCLE, CARBON DIOXIDE AND NITROGEN CYCLES MIGHT AFFECT THE ECOSYSTEM	<input type="checkbox"/> Has no effects of cycles included <input type="checkbox"/> Needed extensive assistance from teacher	<input type="checkbox"/> Has one effect of a cycle included <input type="checkbox"/> Some assistance may have been needed from the teacher	<input type="checkbox"/> At least three effects of cycles are included <input type="checkbox"/> No teacher assistance was needed
INCLUDES FOUR PLANTS AND FOUR ANIMALS THAT LIVE IN THIS ECOSYSTEM AND DESCRIBE THEIR ADAPTATIONS AND THEIR NICHES	<input type="checkbox"/> No plants and animals are included <input type="checkbox"/> Needed extensive assistance from teacher	<input type="checkbox"/> Four plants and four animals are included with descriptions of adaptations <input type="checkbox"/> Some assistance may have been needed from the teacher	<input type="checkbox"/> More than four animals and more than four plants are included with descriptions of adaptations. <input type="checkbox"/> No teacher assistance was needed
INCLUDES A FOOD WEB AND IDENTIFY AT LEAST TWO FOOD CHAINS FOR THE ECOSYSTEM	<input type="checkbox"/> No food web or food chains are included <input type="checkbox"/> Needed extensive assistance from teacher	<input type="checkbox"/> A food web and two food chains are included <input type="checkbox"/> Some assistance may have been needed from the teacher	<input type="checkbox"/> A food web and more than two food chains are included <input type="checkbox"/> No teacher assistance was needed
Below Level		On Level	
0-4		5-8	
		Above Level	
		9-12 points	