



Name: _____ Date: _____

Engineering Design Challenge Rubric

Animal Selected	
<input type="checkbox"/> Australian Parrot	<input type="checkbox"/> Banded Snails
<input type="checkbox"/> Pink Salmon	<input type="checkbox"/> Marine Iguana
<input type="checkbox"/> Tawny Owls	

Criteria	Points earned	Points possible
Claim		
Identify the environmental problem		1
Select a realistic trait for survival		1
Evidence		
Research the environmental problem		1
Use a model to show the desired trait that will be inherited (included as prop or illustration in presentation)		1
Reasoning		
Identify why the selected trait is important to that species' survival in that environment		2
Constraints		
Limited to one environment		1
Limited to one species <ul style="list-style-type: none">- Offspring is the same species as the parents- No hybrid animals		1
Song Presentation		
Song includes the 4 major traits of a song (beat, melody, lyrics, hook/chorus)		4
Presentation includes illustrations, movements, and/or costumes and props to		2

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depict the organism's traits and how they inherit them		
Total points		14