

Human Impacts Map Layer Rubric

Name

Date

Checklist:

_____ A background map shows the appropriate scale of your animal's migration (e.g., the world or a state)

_____ An illustration shows your animal's typical migration pattern

_____ A map key explains what the symbols and colors on your map represent

_____ The following information about your animal's ecosystem(s) is provided on the map or in another document:

- Detailed illustration and description of a human impact that affects your animal's migration pattern
- A list of at least four stakeholders and a detailed account of how they have an interest in your animal's migration or the proposed solution(s)
- A detailed explanation of one or two solutions that could minimize the human impacts (include feasibility, evidence of success, etc.)

	Proficient Wildlife Ecologist	Apprentice Wildlife Ecologist	Emerging Wildlife Ecologist	Feedback
<p>Animal Migration Human Impacts & Solutions Map Layer</p> <p>Obtaining, Evaluating, and Communicating Information</p>	<p>Your map layer is clear and easy to understand. It illustrates the migration pattern of your animal on the correct scale (e.g., you use a world map to show that your animal travels around the world).</p> <p>Your map layer clearly illustrates at least two human impacts and how they impact the migration pattern.</p>	<p>Your map layer is generally clear and easy to understand. It illustrates the migration pattern of your animal on the correct scale (e.g., you use a world map to show that your animal travels around the world).</p> <p>Your map layer clearly illustrates one human impact and how it impacts the migration pattern.</p>	<p>Your map layer is unclear or difficult to understand. It illustrates the migration pattern of your animal on an incorrect scale (e.g., you use a world map, but your animal only travels around a single state).</p> <p>Your map layer does not illustrate a human impact or show how it impacts the migration pattern.</p>	
<p>Map Key</p> <p>CCSS.ELA-LITERACY.RST.6-8.7</p>	<p>The key is detailed and clearly explains what the symbols and colors on your map represent.</p>	<p>The key for your map explains what most of the symbols and colors on your map represent.</p>	<p>Your key does not clearly explain what the symbols and colors on your map represent.</p>	

<p>Stakeholders</p> <p>MS-LS2-2</p> <p>Cause and Effect</p>	<p>You list four or more stakeholders and provide a detailed account of how they are affected by the impact on your animal's migration or your recommended solutions.</p>	<p>You list three or fewer stakeholders and provide an account of how they are affected by the impact on your animal's migration or your recommended solution.</p>	<p>It is unclear how stakeholders are affected by the impact on your animal's migration or recommended solutions.</p>	
<p>Human Impacts and Solutions</p> <p>MS-ESS3-3</p> <p>Constructing Explanations and Designing Solutions</p>	<p>You provide a detailed explanation of at least two human impacts affecting your animal's migration and propose two solutions that could minimize those human impacts. You discuss the feasibility of each solution, provide previous evidence of its success, and consider both benefits and drawbacks of the solutions.</p>	<p>You provide a detailed explanation of at least one human impact affecting your animal's migration and propose a solution that could minimize that human impact. You discuss the feasibility of the solution, provide previous evidence of its success, and consider both benefits and drawbacks of the solution.</p>	<p>You provide little explanation about human impacts or potential solutions.</p>	