

Plate Game Rubric

Criteria	Exemplary (4)	Proficient (3)	Adequate (2)	Needs Improvement (1)
Plate boundaries shown on Web GIS	<p>Each type of available plate boundary is marked on the map, including ridge, transform, and subduction. The entire map is divided up.</p> <p>The subduction zone is to the East of the volcanic island arc, and not on top of it.</p>	<p>All available plate boundaries are marked on the map, including ridge, transform, and subduction. The entire map is divided up.</p> <p>The subduction zone is to the East of the volcanic island arc, and not on top of it.</p>	<p>Some ridges and transforms are diagonal. The entire map is divided up.</p> <p>The subduction zone is marked to the West of the volcanic island arc.</p>	<p>Ridges and transforms may be diagonal. The subduction zone is marked on top of the volcanic island arc or the deep, compressive earthquakes.</p> <p>The map is incompletely marked.</p>
Isochrons are drawn onto the map.	<p>Isochrons cover the full extent of the map, in the range of 80 Ma to 0 Ma in 10 million year intervals.</p> <p>Lines follow the modern plate boundaries and are consistent with one another.</p>	<p>Isochrons cover the full extent of the map, in the range of 80 Ma to 0 Ma.</p> <p>Lines follow the modern plate boundaries and are consistent with one another.</p>	<p>Isochrons cover most of the map.</p> <p>The gaps may exceed 10 million years, but the isochrons are still consistent with each other.</p>	<p>Map is incompletely marked with isochrons.</p> <p>There are many inconsistencies between isochrons.</p>

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are ed to their aphic locations.	<p>Three separate images show continents at proper locations at 40, 60, and 80 Ma.</p> <p>Ocean closes before youngest continent detaches. Youngest continent shifts into proper ancient position.</p>	<p>Three separate images show continents at proper locations at 40, 60, and 80 Ma.</p> <p>Ocean closes before youngest continent detaches.</p>	<p>Three separate images show continents at proper locations at 40, 60, and 80 Ma.</p>	<p>Does not include each of th reconstructions. Youngest continent has not shifted, o ocean has not closed.</p>
planation of rocess and what used to make	<p>Report includes at least one screenshot for each deliverable.</p> <p>Each screenshot is thoroughly explained, and the thought process is logical and repeatable.</p>	<p>Report includes at least one screenshot for each deliverable.</p> <p>The thought process is logical and repeatable.</p>	<p>Report includes at least one screenshot for each deliverable, with an accompanying explanation.</p> <p>Logic may be incorrect.</p>	<p>Report includes screenshot with no explanation text, or explanation text with no screenshots.</p> <p>Logic may be incorrect.</p>