



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 10 COURSE NAME: Earth and Space**  
**MEASUREMENT TOPIC: Evaluate Theory of Plate Tectonics**

<b>4</b>	In addition to Score 3, the student makes in-depth inferences and applications.
<b>3</b>	The student can: <ul style="list-style-type: none"><li>• Evaluate information about the Theory of Plate Tectonics.</li><li>• Explain how tectonic plate movement creates specific tectonic features.</li></ul>
<b>2</b>	The student can: <ul style="list-style-type: none"><li>• Analyze data to interpret seismic activity and assess the risk of volcanic eruptions and earthquakes in Alabama and other areas in the United States.</li><li>• Develop and interpret a model of Earth's internal structure and composition, including inner core, outer core, asthenosphere, lithosphere, mantle, and crust.</li><li>• Construct an evidence-based explanation of continental drift, basing conclusions on comparisons of coastlines, fossils, ages of rocks, climate, and magnetic patterns.</li></ul>

**1**

With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

**Key Vocabulary:**