



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 10 COURSE NAME: Earth and Space
MEASUREMENT TOPIC: Explain Formation and Properties of Stars

4	In addition to Score 3, the student makes in-depth inferences and applications.
3	The student can: <ul style="list-style-type: none">• Compare/Contrast stars and their properties.• Evaluate how nuclear fusion in stars forms other elements and energy.
2	The student can: <ul style="list-style-type: none">• Evaluate a model based on evidence to illustrate the lifespan of stars.• Use a Hertzsprung-Russell Diagram to analyze properties of stars.• Explain the process of stellar evolution.
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: