



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 6 COURSE NAME: Science
MEASUREMENT TOPIC: Relate Objects Within the Solar System

4

- In addition to Score 3, the student makes in-depth inferences and applications.

3

- **Construct an evidence-based explanation of the role of gravity on the movement of natural and manmade objects within galaxies and the solar system.**
- **Analyze and use data to determine scale properties and characteristics of objects in the solar system including sizes, distances, orbital periods, basic composition, and ability to support life.**

2

- **Identify the role of gravity in the motions of celestial bodies.**
- **Compare planets in both size and distances apart.**
- **Evaluate information to compare and contrast past and current views about the structure of the universe and show how these views have changed over time.**
- **Identify the composition of the universe and how the solar system compare to our galaxy in size**

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: