Grade Level:4th Grade
Course Name:Science

Proficiency Scale

Oxford City Schools

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GRADE LEVEL: 4th Grade COURSE NAME: Science
MEASUREMENT TOPIC: Explain How Waves Transfer Information

4	In addition to Score 3.0, make in-depth inferences and applications.
3	☐ Gather information to describe how the use of energy derived from renewable and nonrenewable resources affects the environment ☐ Develop and use models to show multiple solutions in which patterns are used to transfer information ☐ Develop and use models to describe amplitude and wavelength patterns.
2	☐ Construct an explanation of how light, sound, and digitized information are transferred by waves. ☐ Identify the properties of waves. ☐ Identify (compare, classify) different types of waves.
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:amplitude, wavelength

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