



Oxford City Schools

Proficiency Scale

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

4

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

3

- Develop and use models to describe amplitude and wavelength patterns.
- Develop and use models to describe how waves can cause objects to move.

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