



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 5      COURSE NAME: Science**  
**MEASUREMENT TOPIC: Explain the Transfer of Matter and Energy**

<b>4</b>	In addition to Score 3, the student makes in-depth inferences and applications.
<b>3</b>	<ul style="list-style-type: none"><li>• <b>Create and use a model to explain the transfer of matter and energy between the environment and organisms within it.</b></li></ul>
<b>2</b>	<ul style="list-style-type: none"><li>• Use evidence to explain that energy from the sun is present in animals' food and is used for body repair, growth, motion, and maintenance of body warmth.</li><li>• Support an argument from evidence that plants primarily use air and water to process matter needed for growth.</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:** Consumers, scavengers, decomposers, photosynthesis