



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 5      COURSE NAME: Science**  
**MEASUREMENT TOPIC: Identify Structure and Properties of Matter**

<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>Analyze data collected through observations and measurements to identify materials based on their properties, including color, hardness, and reflectivity.</b></li><li>• <b>Plan and carry out investigations to provide evidence that matter is made of particles too small to be seen.</b></li></ul>
<b>2</b>	<ul style="list-style-type: none"><li>• Identify the cause and effect relationships within an investigation.</li><li>• Analyze patterns to describe data.</li><li>• Record accurate measurements using appropriate scientific tools.</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:**