

# Grade 1

## Pets Matter



Comparing and measuring are interdisciplinary skills that can be developed from the earliest grades. In these learning experiences, children first learn to observe and describe properties of organisms, objects, and events. Then, they use these skills to determine specific measurable properties such as length, width, height, mass, temperature, or capacity. Students also use patterns to make sense of their observations.

After determining the property that they will measure, students learn to choose small identical units that can be placed end-to-end for linear measurements. For mass measurement, students may choose units that can be placed in the balance pan to make the pans balance. Capacity comparisons involve many experiences with pouring and filling containers to foster conservation. Temperature observations also develop the concept of heat, and allow students to observe that warm materials expand, and cold materials contract.

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◆ <b>Engage</b> Students participate in introductory activities to determine conservation of length and establish a need for non-standard units	<b>3</b>
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