



# ISE GRADE 3 SCIENCE CURRICULUM STANDARDS / LEARNING OUTCOMES



<u>Curriculum Standards/Learning Outcomes</u>	<u>Teaching Strategies</u>	<u>Resources</u>
<b><u>Topic Four: Measurement</u></b>		
<p>The First Straw</p> <ul style="list-style-type: none"><li>• Observe and measure length in meters and centimeters.</li><li>• Organize information on a record sheet.</li><li>• Compare the results of several linear measurements.</li></ul>	<ul style="list-style-type: none"><li>• Discover the need for a standard unit for measuring distance.</li><li>• Learn the metric standard for measuring distance.</li><li>• Learn the subunit for measuring short distances.</li><li>• Gain experience estimating length and distance.</li><li>• Make paper meter tapes and use them to measure length and distance.</li><li>• Measure and compare body dimensions.</li><li>• Communicate measurements using numbers and appropriate units.</li></ul>	<ul style="list-style-type: none"><li>• Full Option System Science (FOSS) Teacher's Guide.</li><li>• Library Books (see list)</li><li>• Videos (see list)</li><li>• Internet</li></ul>
<p>Weight Watching</p> <ul style="list-style-type: none"><li>• Observe and measure mass in grams.</li><li>• Organize information on a record sheet.</li><li>• Compare the results of several weighings.</li><li>• Communicate finds.</li></ul>	<ul style="list-style-type: none"><li>• Discover the need for a standard unit for measuring mass.</li><li>• Learn the metric standard for measuring mass.</li><li>• Use a balance to determine and compare the mass of objects.</li><li>• Gain experience estimating mass.</li></ul>	