

## Subitizing Assessment

Question	Criteria
<p><b>Subitizing</b>            Ask: How many dots do you see on these cards?</p> <p>How did you know the answer?</p> <p>Show: Following Subitizing Plates</p>	<p>Use the checklist to record your observations</p>
<p>Card 3</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Says '3' instantly, says 'just knew' or variation (perceptual)</li> <li><input type="checkbox"/> Uses Part Part Whole Relationship (says I saw 2 and 1, or variation of that - conceptual)</li> <li><input type="checkbox"/> counted</li> </ul>
<p>Card 4</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Says '4' instantly, says 'just knew' or variation (perceptual)</li> <li><input type="checkbox"/> Uses Part Part Whole Relationship (says I saw 2 and 2, or variation of that - conceptual)</li> <li><input type="checkbox"/> Skip counts</li> <li><input type="checkbox"/> counted</li> </ul>
<p>Card 5 Standard Dice format</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Says '5' instantly, says 'just knew' or variation (perceptual)</li> <li><input type="checkbox"/> Uses Part Part Whole Relationship (says I saw 4 and 1, or variation of that - conceptual)</li> <li><input type="checkbox"/> Skip counts</li> <li><input type="checkbox"/> counted</li> </ul>
<p>Card 5 3/2 format</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Says '5' instantly, says 'just knew' or variation (perceptual)</li> <li><input type="checkbox"/> Uses Part Part Whole Relationship (says I saw 3 and 2, or variation of that - conceptual)</li> <li><input type="checkbox"/> Skip counts</li> <li><input type="checkbox"/> counted</li> </ul>
<p>Card 6 Standard dice representation</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Says '6' instantly, says 'just knew' or variation (perceptual)</li> <li><input type="checkbox"/> Uses Part Part Whole Relationship (says I saw 3 and 3, or variation of that - conceptual)</li> <li><input type="checkbox"/> Skip counts</li> <li><input type="checkbox"/> counted</li> </ul>
<p>Card 6 2 groupings</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Says '6' instantly, says 'just knew' or variation (perceptual)</li> <li><input type="checkbox"/> Uses Part Part Whole Relationship (says I saw 2 and 4, or variation of that - conceptual)</li> <li><input type="checkbox"/> Skip counts</li> <li><input type="checkbox"/> counted</li> </ul>

Subitizing is the ability to 'see' a small amount of objects and know how many there are without counting. Subitizing is what tells you what number you roll on a six sided dice – most adults no longer have to count the pips after playing board games for a while. Subitizing is a fundamental skill in the development of students' understanding of number (Baroody 1987, 115). Students use patterns recognized to discover properties and skills such as conservation, compensation, unitizing, counting on, composing and decomposing numbers, as well as understanding of arithmetic and place value. For Van De Walle's suggested format see <http://www.sbcusd.k12.ca.us/DocumentCenter/View/115904>.









