

## TMC #14 GWWG – Activity Structures for Group Work

(from Shell Centre; Bills<sup>2</sup>+Watson+Mason; MTBoS)

<p><b>“Classifying” structures</b> (to uncover and organize knowledge) BENEFITS: spark discussion, analysis, justification</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> odd one out</li> <li><input type="checkbox"/> matching</li> <li><input type="checkbox"/> interpreting multiple repr’s</li> <li><input type="checkbox"/> concept map</li> <li><input type="checkbox"/> A / S / N with justification</li> <li><input type="checkbox"/> matching (incl. red herrings)</li> <li><input type="checkbox"/> placemat problems, followed by classifications of problems</li> <li><input type="checkbox"/> create your own definition(s)</li> <li><input type="checkbox"/> creating categories (using, refining, organizing categ’s into a system)</li> </ul>
<p><b>“Problem-Solving” structures</b> (for initial learning &amp; transfer; for generalizing; for reaching a shared goal by using both existing &amp; new knowledge)</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> placemat problems with classification afterwards (levels &amp; checkpoints)</li> <li><input type="checkbox"/> creating a problem for others/other groups to solve</li> <li><input type="checkbox"/> poster to show two different solution paths</li> <li><input type="checkbox"/> debate structures</li> </ul>
<p><b>“Practice Activity” structures</b> (for achieving fluency with metacognitive self-monitoring)</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> debate</li> <li><input type="checkbox"/> placemat</li> <li><input type="checkbox"/> “speed dating”</li> </ul> <p>Takes students through the 3 Stages of Fluency (<i>How People Learn</i>): 1- takes effort → 2- relatively effortless → 3- automatic</p>
<p><b>“Developing Dissatisfaction” structures</b> (Dan Meyer’s/ Guershon Harel’s INTELLECTUAL NEED)</p>	<p>“Demand Creation” for new knowledge (activating intellectual need) such as:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3-Acts</li> </ul>