

5 THINGS ABOUT THE BRAIN TO INFORM YOUR LESSON PLANNING.

REVISITED

Key Element of learning <input checked="" type="checkbox"/>	Apply: When? When next? With which class? <input checked="" type="checkbox"/>
<p>1. The Testing Effect</p> <p>A simple test following reading/initial learning increases recall by _____% <input type="checkbox"/></p>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>
<p>2. Retrieval Practice</p> <p>“The harder your brain has to work to dig out a memory, the _____ the _____ in learning” <i>Robert Bjork</i>. <input type="checkbox"/></p> <p>Start with a blank page... to test recall and target revision.</p>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>
<p>3. The Spacing Effect</p> <p>The key to memory is _____ the speed we _____. <input type="checkbox"/></p> <p>Plan out re-tests.</p> <p>Allow time for forgetting in between.</p>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>
<p>4. Cognitive Load and Chunking</p> <p>The average number of things you can hold in your working memory is _____. <input type="checkbox"/></p> <p>Mnemonic devices can help overcome the working memory bottle neck by ‘chunking’ knowledge</p> <p>4 Mnemonic devices to try with students:</p>	
<p>a) Standard mnemonic</p> <div style="border: 1px solid red; border-radius: 15px; height: 60px; width: 100%;"></div> <input type="checkbox"/>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>
<p>b) Reverse Mnemonic</p> <div style="border: 1px solid red; border-radius: 15px; height: 60px; width: 100%;"></div> <input type="checkbox"/>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>
<p>c) Pictures/Imagery</p> <div style="border: 1px solid red; border-radius: 15px; height: 60px; width: 100%;"></div> <input type="checkbox"/>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>
<p>d) Memory Palace</p> <div style="border: 1px solid red; border-radius: 15px; height: 60px; width: 100%;"></div> <input type="checkbox"/>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>
<p>5. Practice and forming learning habits</p> <p>“Civilisation advances by extending the number of important operations we can perform without _____ about them” <i>Alfred North Whitehead</i> <input type="checkbox"/></p> <p>What do students need to practice in lessons so much that they can do it without thinking?</p> <p>_____</p>	<p>Class:</p> <p>Lesson:</p> <p>Date: <input type="checkbox"/></p>