



# AUTHENTIC LEARNING AND TEACHING

Authentic Components	Construction of Knowledge	Disciplined Inquiry	Real-World Connections	Student-Centered Learning
What Students Are Doing...	<ul style="list-style-type: none"> <li>synthesizing</li> <li>generalizing</li> <li>explaining</li> <li>analyzing</li> </ul>	<ul style="list-style-type: none"> <li>making distinctions</li> <li>raising questions</li> <li>hypothesizing</li> <li>reasoning</li> <li>debating</li> <li>supporting</li> </ul>	<ul style="list-style-type: none"> <li>communicating</li> <li>advocating</li> <li>applying ideas</li> <li>assisting</li> <li>performing</li> <li>creating</li> </ul>	<ul style="list-style-type: none"> <li>developing</li> <li>choosing</li> <li>justifying</li> <li>generating</li> <li>evaluating</li> </ul>
What Teachers Are Supporting...	<ul style="list-style-type: none"> <li>- higher order thinking</li> <li>- manipulation of information and ideas</li> <li>- construction of new meaning or understanding</li> </ul>	<p><b>Substantive Conversation</b></p> <ul style="list-style-type: none"> <li>- sustained conversation</li> <li>- discipline based academic chatter</li> <li>- sharing of ideas</li> <li>- dialogue builds coherently on participants' ideas</li> <li>- working towards collective understanding</li> </ul> <p><b>Meaningful Questions</b></p> <ul style="list-style-type: none"> <li>- organized by essential questions</li> <li>- complex understating using reasoning and support</li> <li>- sustained focus on single topic</li> <li>- understanding of the problematic nature of some ideas/concepts</li> </ul>	<ul style="list-style-type: none"> <li>- connection to actual situations or experiences</li> <li>- exploring in a way to allow personal meaning and significance</li> <li>- real-world applications</li> </ul>	<ul style="list-style-type: none"> <li>- student ownership</li> <li>- focus on personal experience</li> <li>- support use of prior knowledge</li> <li>- shared control</li> <li>- allowing &amp; encouraging autonomy</li> </ul>