



Activity type	classroom <input checked="" type="checkbox"/> homework <input checked="" type="checkbox"/> independent learning <input type="checkbox"/> other <input type="checkbox"/>		
Activity objectives(s)	Understand the reason for using cascading stylesheets  Develop expertise in creating stylesheets  Gain practice in using and understanding client side scripting using JavaScript		
Activity resources(s)	HTML Editor		
Delivery mode	teacher led <input checked="" type="checkbox"/>  student led <input type="checkbox"/>	Collaboration type	individual <input type="checkbox"/>  pairs <input type="checkbox"/>  groups <input type="checkbox"/>
Task description	Students are asked to have a look at these websites  <a href="http://www.csszengarden.com/">http://www.csszengarden.com/</a> <a href="http://www.developphp.com/list_css.php">http://www.developphp.com/list_css.php</a>  and view this video:  <a href="https://www.youtube.com/watch?v=_XAQH41rjio">https://www.youtube.com/watch?v=_XAQH41rjio</a> for homework.  In class students should create three stylesheets (default.css, first.css and second.css) and use teacher supplied javascript code to set up a web page which allows users to switch stylesheets by clicking on a button. They should create a page which demonstrates the use of their three stylesheets. They should be encouraged to make the stylesheets as different from each other as they can.  Ask the students to suggest a reason why this facility might be useful on a website?  Examples might be <ul style="list-style-type: none"> <li>• Accessibility</li> <li>• The need to adapt to different platforms (eg. mobile devices)</li> <li>• User customisation</li> </ul>		



# SCHOLAR Lesson Outline

Differentiation (Alternative use)	This lesson could also be used with the old Advanced Higher course.
Hints & Tips	<p>The video gives a very clear description of how the javascript works.</p> <p>The zen garden link is a demonstration of the power of CSS and how different stylesheets can completely transform the look and feel of a website.</p> <p>Here is the javascript code required:</p> <pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;link id="pagestyle" rel="stylesheet" type="text/css" href="default.css"&gt; &lt;script type="text/javascript"&gt; function swapStyleSheet(sheet){   document.getElementById("pagestyle").setAttribute('href', sheet); } &lt;/script&gt; &lt;/head&gt; &lt;body&gt; &lt;h2&gt;Javascript Change StyleSheet Without Page Reload&lt;/h2&gt; &lt;button onclick="swapStyleSheet('first.css')"&gt;First Style Sheet&lt;/button&gt; &lt;button onclick="swapStyleSheet('second.css')"&gt;Second Style Sheet&lt;/button&gt; &lt;button onclick="swapStyleSheet('default.css')"&gt;Default Style Sheet&lt;/button&gt; &lt;/body&gt;</pre>
Notes	<p>Web links:</p> <p><a href="http://www.csszengarden.com/">http://www.csszengarden.com/</a> <a href="http://www.developphp.com/list_css.php">http://www.developphp.com/list_css.php</a></p> <p>SCHOLAR links:</p> <p>Unit 2 Topics 2.4, 4.2 and 4.3</p>