<table>
<thead>
<tr>
<th>Political Unit</th>
<th>The Arts</th>
<th>Science and Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Mayan Civilisation</em></td>
<td>• Murals, sculptures, ornamentation</td>
<td>• Ideographic writing system</td>
</tr>
<tr>
<td>2400 B.C.E. to 1200s C.E.</td>
<td>• Elaborate detail on buildings such as carved pillars</td>
<td>• Accurately predict eclipses</td>
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<td></td>
<td></td>
<td>• Accurate calendar</td>
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<td></td>
<td></td>
<td>• Created monumental buildings such as temples without use of metal tools</td>
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<tr>
<td></td>
<td></td>
<td>or wheeled vehicles</td>
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<tr>
<td><em>Byzantine Empire</em></td>
<td>• Religious icons</td>
<td>• Cyrillic alphabet</td>
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<tr>
<td>330-1453 C.E.</td>
<td>• Illustrated manuscripts</td>
<td>• Monumental buildings such as Hagia Sofia</td>
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<td></td>
<td>• Works in gold and silver valued as trade goods</td>
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<tr>
<td><em>Tang Dynasty</em></td>
<td>• Nature as subject matter for paintings; any humans were</td>
<td>• Woodblock printing</td>
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<tr>
<td>618-906 C.E.</td>
<td>insignificant in relation to the landscape</td>
<td>• Fine pottery as both artistic and technological achievements</td>
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<tr>
<td>“Golden Age of Chinese Art</td>
<td>• Poetry</td>
<td></td>
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<tr>
<td>and Poetry”</td>
<td>• Dictionaries</td>
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<td>• Family histories</td>
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<tr>
<td><em>Abbasid Caliphate</em></td>
<td>• Arabesque, use of Arabic script and geometric and floral patterns</td>
<td>• Knew earth rotates on axis and revolved around the sun</td>
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<tr>
<td>750-1258 C.E.</td>
<td>instead of human and animal figures in art</td>
<td>• More accurate calendar than current than current European Western</td>
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<td>• Miniature painting in Persia (and later under the Moguls)</td>
<td>calendar</td>
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<td>• Poetry</td>
<td>• Improved on Greek <em>astrolabe</em></td>
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<td>• Wrote medical treatises translated into Latin and used in Europe</td>
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<td>• Use of steel for swords</td>
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<td></td>
<td></td>
<td>• Chinese inventions such as paper, printing and compass transmitted</td>
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<td></td>
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<td>through Arabs</td>
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<td>• Arabic numerals, decimal system, concept of <em>zero</em></td>
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<td>• Developed <em>mosque</em> with <em>minarets, a dome, pillars</em></td>
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<td>• Other monumental buildings such as forts and palaces</td>
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<td><em>Europe</em></td>
<td>• Development of vernacular languages</td>
<td>• Romanesque, imitation of Roman architectural styles</td>
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<td>c. 1000 C.E.</td>
<td>• Mystery plays</td>
<td>• Return to stone for building</td>
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<td>• Few literary works except stories about the lives of the saints</td>
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<td>• Development of <em>polyphonic music</em>, chants, for example, for religious</td>
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<td></td>
<td>ceremonies</td>
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