Early Modern Human Culture

Paleolithic Tool Traditions in Europe

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Cultural Tradition</th>
<th>Beginning (years ago)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Paleolithic</td>
<td>Magdalenian</td>
<td>17,000</td>
</tr>
<tr>
<td></td>
<td>Solutrean</td>
<td>21,000</td>
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<tr>
<td></td>
<td>Gravettian</td>
<td>27,000</td>
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<tr>
<td></td>
<td>Aurignacian/Chatelperronian</td>
<td>33,000</td>
</tr>
<tr>
<td>Middle Paleolithic</td>
<td>Mousterian</td>
<td>75,000</td>
</tr>
<tr>
<td>Lower Paleolithic</td>
<td>Acheulian</td>
<td>700,000+</td>
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</tbody>
</table>

In northern hemisphere: cultural adaptations to temperate and sub-arctic conditions

- Cro-Magnon
  - spear thrower (atlatl) 17,000-15,000 ya
  - harpoon
  - bow and arrow 12,000 ya
  - blade technique
  - percussion/pressure flaking

- Upper Paleolithic Art
  - burins
  - compound tools
  - tailored clothing
  - needles 23,000 ya

- decorated bone, antler, tusks
- necklaces, bracelets, pendants
- Venus figurines
- Cave paintings (sw France, Spain)

Lascaux Cave

- Cro-Magnon Art
  1. 35,000 - 25,000 (e.g., Gortte Chauvert)
  2. 25,000 - 18,000 (S. France, n. Spain)
  3. 18,000 - 15,000
  4. 15,000 - 11,000