

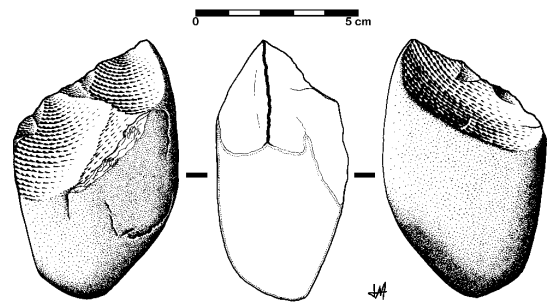
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Tutorial Six: Stone tools

How hard would it be to make each type of toolkit discussed in the article by Foley and Lahr? What are the crucial changes in perception, planning, and physical technique that allowed each successive type of tool to be made?

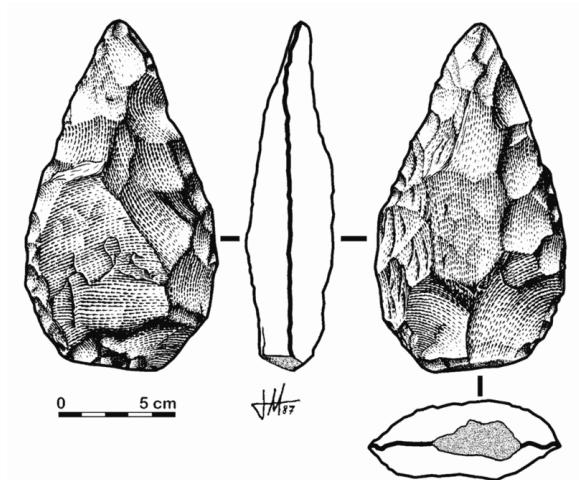
For each lithic industry, describe, as best you can, the key innovations for each stage of technological development in the tools, their manufacture, the human abilities that they demonstrate, and the uses to which they can be put. What makes one stage 'better' than the next?

Mode 1 tools:



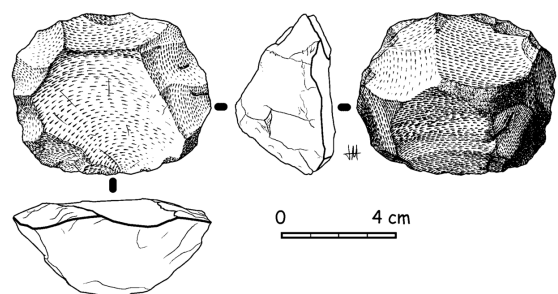
Mode 1: Olduvian tools

Mode 2 tools:



Mode 2: Acheulian tools

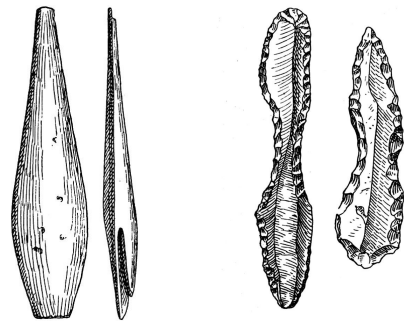
Mode 3 tools:



Mode 3: Mousterian tools

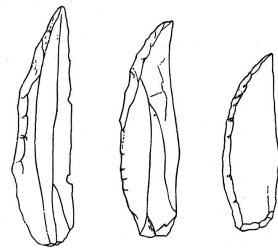
Tutorial Six: Stone tools

Mode 4 tools:



Mode 4: Aurignacian tools

Mode 5 tools:



Mode 5: Microliths

Questions for reflection:

- How does human tool use make our species different from others?
- What traits of 'technology' does each mode of tools demonstrate? (e.g., creativity, innovation, technically demanding, learning...)
- Why is technological consistency so interesting in stone tools? What does it tell us about culture and creativity or the evolution of technology?
- How does technological change over time *differ* from biological evolution?

Key terms:

Microlith
Hafting
Movius line
Olduwan
Acheulian

Symmetrical/Asymmetrical tools
Indirect percussion
Core
Flake
Blade
Lamarckian evolution
'Ratchet effect'