Modern humans
European Neanderthals
Near-East Neanderthals
African Moderns

Atapuerca Spain
La Ferrassie France

Distinct anatomy
Early anatomically modern

>150,000 years ago
Modern behaviors

Klasies River Mouth Cave
KRM

125,000-75,000
Klasies Middle Stone Age

Like Europe:
- Scrapers & points

Unique:
- Blades
- Crescents
- Ochre crayons!

Symbols?

Klasies subsistence

- Midden of shell & bone

Klasies Faunal remains

- Different age patterns
Danger?

Klasies Faunal remains
- Different age patterns

Technological change
- Creative Explosion
  - 40,000 years ago
- Upper Paleolithic
  - New flaking techniques
  - New raw materials
  - More specialized tool types
  - More style - symbolic material culture
  - Art!

Blades = blanks for tools

Near East
- Modern humans with Mousterian tools

Atapuerca Spain

La Ferrassie France
Upper Paleolithic tools
- Scrapers
- Awls
- Engravers
- Bone points

Chatelperronian

Extinction
- Gone by ~30,000 bp
  - Replaced?
  - Interbred?
  - Recent debate about “hybrid” child
- DNA

Cultural variation

Tools for hunting

Tools for Art!