Mycenae - 2000 - 1100bc - Lions gate – structure and sculpture.

Classical Greece flourished during the 5th to 4th centuries BC.
Climate of Greece - clear strong, blue sky, creating sharp shadows.
Sciography (from Greek "shadow") - science of shadows.
Trabeated structure and design.

3 Classical Orders –
Doric (purity)
Ionic (life)
Corinthian (maturity)

Acropolis in Athens – Parthenon - 432 B.C. - Athens.

Classical Greek Design:
1. Climate – Sciography (study of shadows).
3. Optical Refinements.
Sculpture, color.
Theatre Design – integration with topography – acoustics.

**Vitruvius - the human form and design**

**Ancient Rome**

Extent across Europe, Asia Minor, and Northern Africa.
The *Sword* and The *Spade* – military might, development + administration.
Structure of the *Arch* – compressions and tensile stresses. Abutment.
Development of the arch – barrel *vaults*, cross vaults, domes.

The *Colosseum* – 80AD – 80,000 audience. Politicizing of architecture.
The *Pantheon* - 126 ad – structure and form. Design of the dome - oculus, portico.
Roman basilicas. Roman baths.
*Infrastructure* in Ancient Rome – aqueducts, roads, communication, drains