Chapter 5

## The Art of Ancient Greece (Iron Age)

## Famous Greeks:

Playwriters: Aeschylus ("father of Greek tragedy"), Sophocles (Antigone, Oedipus), Euripides, Aristophanes (Comedies. Lysistrata)

Philosophers: Heraclitus ("You can never step into the same river twice") Plato, Socrates, Aristotles

Mathematicians and scientists: Archimedes, Pythagoras, Aristotles, Euclid

Authors and poets: Homer (Odyssey and Iliad), Sappho of Lesbos, Aesop

Historians:
Herodotus ("The Father of History,"). Thucydides

## The Greek World



Geometric Period ( $9-8^{\text {th }}$ c. BCE)


Eanty Geometric Krater. C. 800 BCE

## Krater

A bowl for mixing wine and water

## Greek key or Meander

An ornament consisting of interlocking geometric motifs. An ornamental pattern of contiguous straight lines joined usually at right angles.




Geometric krater, from the Dipylon cemetery. Detail.

## Hero and Centaur

(Herakles and Nessos? Achilles and Chiron?)
ca. 750-730 BCE. Bronze, approx. 4 1/2" high. Metropolitan Museum of Art, New York.



## Greek Vase Painting

## Orientalizing Period

 (7th c. BCE)
## Pitcher (olpe)

Corinth, c. 600 BCE
Ceramic with black-figure decoration, height $11^{1} / 2^{\prime \prime}$ British Mus. London

## Rosette:

A round or oval ornament
resembling a rose


## Comparison: Assyrian. Lamassu, ca. 720-705 BCE.

## Pitcher (olpe)

Corinth, c. 600 BCE
Ceramic with black-figure decoration, height $11^{1} / 2$ " British Mus. London


## Pitcher (olpe)

Corinth, c. 600 BCE
Ceramic with black-figure decoration,
height $111 / 2^{\prime \prime}$ British Mus. London


## Companison: Babylonian. Lion from the Processional

Way (Associated with the goddess Ishtar). c. 575 BCE. Molded and glazed brick. Babylon. Iraq.


## Pitcher (olpe)

Corinth, c. 600 BCE
Ceramic with black-figure decoratic height $11^{1} / 2$ " British Mus. London

Companison: Sumerian. Soundbox of a lyre from the Royal Cemetery, Ur, Iraq, ca. 2600 BCE. Wood with inlaid gold, lapis lazuli, and shell


Black Figure: Type of Greek pottery that originated in Corinth c. 700 BC . The figures were painted in black pigment on the natural red clay ground. Finishing details were then incised into the black pigment, revealing the red ground.

## http://www.youtube.com/watch

 \#!v=q|xsE KOvbE
## Coninthian black-figure amphora

with animal friezes (and Harpies or Sirens,) from Rhodes, Greece, ca. 625-600 BCE. Approx. 1’ 2" high. British Museum, London.




Coninthian black-figure amphora


Companison: Geometric krater, from the Dipylon oemetery. Detail

Archaic Period - Black Figure ( $6^{\text {th }}$ - early $5^{\text {th }} c$.)

KLEITIAS (painter) and ERGOTIMOS (potter), Frangois Vase
(Attic black-figure volute krater), from Chiusi, Italy, ca. 570 BCE.
Approx. 2' 2" high. Museo Archeologico, Florence.



Centauromachy (A fight in which centaurs take part ). Frangois Vase. Detail


## Frangois Vase: Drawing of the night handle,

 showing Artemis as the mistress of beasts (above), and Ajax carrying the body of Achilles (below).


EXEKIAS, Achilles and Ajax playing a dice game (detail from an Attic black-figure amphora) from Vulci, Italy, ca. 540-530 BCE. Whole vessel approx. 2' high. Vatican Museums, Rome.




## Companison:

Orientalizing: Coninthian black-figure amphora


Companison: Geometric krater, from the Dipyion cemetery.

Compare and contrast Greek vase paintings from the Geometric, Orientalizing and Archaic periods. Discuss the themes, influences, relationship between the foreground and background, proportions and scale of the figures, level of naturalism, overlapping, division of space, technique, colors etc.

## EXEKIAS. Achilles Slaying Penthesilea

## the Amazon Queen.

Amphora. late $6^{\text {th }}$ c. BCE


## Late Archaic - White Ground

BRYGOS
PAINTER

## Maenad

Late Archaic Attic white-ground kylix, 490-480 BC, from Vulci.
Staatliche Mus., Munich, Germany



Comparison: Dionysus, wrapped in panther skin and ivy, holding a wine jar, with thyrsi around. Attic Red-figure amphora by the Kleophrades Painter, c. 500-490 BCE, from Vulci. Antikensammlung, Munich.

Late Archaic and Classical - Red Figure

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\text { (late } \left.6^{\text {th }}-5^{\text {th }} \mathrm{c} .\right)
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ANDOKIDES PAINTER, Achilles and Ajax playing a dice game (Attic bilingual amphora), from Orvieto, Italy, ca. 525-520 BCE. Black-figure side (left) and red-figure side (right). Approx. 1' 9" high. Museum of Fine Arts, Boston.


Red figure (late Archaic \& Classical)



EUPHRONIOS, Herakles wrestling Antaios (detail of an Attic red-figure calyx krater), from Cerveteri, Italy, ca. 510 BCE. Whole vessel approx. 1' 7" high. Louvre, Paris.

Foreshortening: The representation of forms on two dimensional surface by shortening the length in such a way that the long axis appears to project toward or recede away from the viewer.


## EUTHYMIDES, Three Revelers

(Attic red-figure amphora used to carry wine or oil), from Vulci, Italy, ca. 510 BCE. Approx. 2' high. Staatliche Antikensammlungen, Munich.



ONESIMOS, Gird prepaning to bathe (interior of an Attic red-figure kylix) from Chiusi, Italy, ca. 490 BCE. Tondo approx. 6" in diameter. Musées Royaux, Brussels.

## Greek Sculpture: Archaic Period ( $6^{\text {th }} c$. BCE)





Kouros
ca. 600 BCE. Marble, approx. 6' $1 / 2$ " high.

Naukratis
A Greek colony in Egypt, founded in the $7^{\text {th }}$ c. BCE. The city acted as a trading post for the Greeks in Egypt

## Comparison: Menturemhet

Egypt, 650 BCE. Granite, approx. 4'5" high.



Kroisos
from Anavysos, Greece ca. 530 BCE. Marble approx. 6' 4" high. Inscription: "Stay and morn at the tomb of dead Kroisos, whom raging Ares destroyed one day as he fought in the foremost ranks."

Companison: Kouros ca. 600 BCE. Marble, approx. 6' $1 / 2^{\prime \prime}$ high. Metropolitan Museum of Art, New York.


Kore (pl. korai): A sculpture representing a standing young woman clothed in long robes

Peplos Kore, from the Acropolis, Athens, Greece, ca. 530 BCE. Marble, approx. 4' high. Acropolis Museum, Athens.



Kore, from the Acropolis, Athens, Greece, ca. 520-510 BCE. Marble, approx. 1' 9 1/2" high. Acropolis Museum, Athens.




The Gorgome Medusa from the West pediment of the Temple of Artemis, Corfu, Greece ca. 600-580 BCE. Limestone, greatest height approx. 9' 4". Archaeological Museum, Corfu.


Pediment: The triangular gable between a horizontal entablature and a sloping roof. usually filled with sculpture.

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## The Gorgon Medusa

From the Archaic temple in Syracuse
c. $570-550$ BCE Clay plaque




## Companison:

## The god Bes.

From Dendera
temple, 1st c. BCE, Egypt.


## Gorgon head

Temple of Apollo,
Veii, 500 BCE


Companison Honus Stele $4^{\text {th }}$ c. BCE. Egypt.


Running Woman. Archaic style. C. 500 BCE

## Companison:

 MaenedBy the Brygos Painter. 490 BCE (late Archaic White-ground)


## Running Woman

Archaic style. C. 500 BCE


Early Classical Sculpture


Dying wamior, from the west pediment of the Temple of Aphaia, ca. 500-490 BCE.


Dying wamior, from the east pediment of the Temple of Aphaia, Aegina, Greece, ca. 490-480 BCE. Marble, approx. 6' 1" long. Glyptothek, Munich.


Heads of Kouros Archaic.
Blond Boy. Early Classical. C. 480 BCE


## Contrapposto:

The disposition of the human figure in which one part is turned in opposition to another part (usually hips and legs one way, shoulders and chest another), creating a counterpositioning of the body about its central axis. Sometimes called "weight shift" because the weight of the body tends to be thrown to one foot, creating tension on one side and relaxation on the other.

Kritios Boy, from the Acropolis, Athens, Greece, ca. 480 BCE. Marble, approx. 2' 10' high. Acropolis Museum, Athens.

## High Classical Sculpture: 450-400 BCE

## Parthenon sculptures were colored blue, red and green



Panathenaic Festival Prooession. Detail: Elders and maidens.
East frieze. Parthenon, Acropolis, Athens, Greece, ca. 447-438 BCE.
Marble, approx. 3' 6" high. Louvre, Paris.


Panathenaic Festival Procession. Detail: Seated gods and goddesses (Poseidon, Apollo, Artemis, Aprodite and Eros.) East frieze. Parthenon. ca. 447-438 BCE. Marble, approx. 3' 6" high. Acropolis Museum.


Panathenaic Festival Prooession. Detail: Horsemen. North frieze. Parthenon, Acropolis, Athens, Greece, ca. 447-438 BCE. Marble, approx. 3' 6" high., British Museum, London.


Three goddesses (Hestia, Dione, and Aphrodite?), from the east pediment of the Parthenon, Acropolis, Athens, Greece, ca. 438-432 BCE. Marble, greatest height approx. 4' 5". British Museum, London.


Companison: Archaic Pediment: The Gorgome Medusa . Temple of Artemis, Corfu, Greece ca. 600-580 BCE. Limestone, greatest height approx. 9' 4". Archaeological Museum, Corfu.


Thice godoreses (Hesth, Dione, and Aphrodite?), from the east pediment of the Parthenon, Acropolis, Athens, Greece, ca. $438-432$ BCE. Marble, greatest height approx. 4'5". British Museum, London.


## Caryatid from the south porch of the Erechtheion

 Acropolis, Athens, Greece, ca. 421-405 BCE. Marble, $7^{\prime} 7^{\prime \prime}$ high. British Museum, London.


Head of an Akkadian nuler, Nineveh, ca. 2300$2200 B C$. oopper, 305 cm Iraq Museum, Baghdad.

Wanior, from the sea
off Riace, Italy, ca. 460-450 BCE. Bronze, approx. 6' ("' high. Archaeological Museum, Reggio Calabria.




## Kroisos

from Anavysos, Greece ca. 530 BCE. Marble approx. 6' 4" high.
Inscription: "Stay and morn at the tomb of dead Kroisos, whom raging Ares destroyed one day as he fought in the foremost ranks."

## POLYKLEITOS, Doryphoros (Spear Bearen).

Roman marble copy from Pompeii, Italy, after a bronze original of ca. 450-440 BCE, $6^{\prime} 11$ " high.

Museo Nazionale, Naples.


## Discussion Question

Select a single piece of sculpture that you believe best reflects the stylistic principles of Greek art from the Classical period. Describe the principles and how the work reflects them.

Three goddesses from the east pediment of the
Parthenon, Acropolis, Athens, Greece, ca. 438-
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Wannior, from the sea
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## Greek Architecture



Temple of Athena Aphaia Aegina. 500-490 BCE (late Archaic)
"Man is the measure of all things: of things which are, that they are so, and of things which are not, that they are not."

Protagoras

## Companison: <br> Temple of Amen.

Karnak. Egypt


The Doric and Ionic Orders

## The Greek World




The two standardize elevation designs, the Doric and Ionic.
Emerged in the Archaic period.


Doric Capital. Temple of Hera II, Paestum, Italy. 449-430 B.C.


Doric order. Detail from Parthenon.
Acropolis, Athens, 447-438 BCE

Ionic Order
Temple of Nike (Victory), Acropolis, Athens 427-424 BCE



Linooln Memorial. Washington, D.C.; 1914-17. The monument, designed by Henry Bacon and styled after a Greek temple, has 36 Doric columns representing the states of the Union at the time of Lincoln's death.


## Coninthian black-figure amphora

with animal friezes, ca. 625-600 BCE.

## Greek Architecture:

# Orientalizing Period (7th c. BCE) 

Megaron: The main hall or central room of a palace or house, especially of Mycenaean Greece, having a pillared porch and a central hearth or sacrifical pit.

Hearth (pronounced- harth): fireplace

Mycenean Palaoe and citadel. Tiryns, Greece, ca. 1400-1200 BCE.


Temple or House Model
c. 700 BCE. Clay. Athens. Acropolis Museum.


Plan of Temple A, Prinias, Greece, ca. 625 BCE.


## Greek Architecture:

Archaic Period (6th c. BCE)



In Antis plan

The Athenian Treasury. Delphi. Greece. 490-480 BCE



Temple of Hera I, Paestum, Italy, ca. 550 BCE.


Temple of Hera I. Plan. Paestum, Italy, ca. 550 BCE.




Companison: Interior of the temple of Ramses II,
Abu Simbel. Egypt, ca.
1290-1224 BCE. Sandstone.
Pillar statues approx. 32' high.

## Greek Architecture:

Classical Period (5th c. BCE)

## The Greco - Persian Wais

(492-449 BC) Series of wars between Greek states and Persia, particularly two invasions of Greece by Persia (490, 480 - 479).


Greek warriors


Persian warriors


- When the Persian navy was soundly defeated at the Battle of Salamis, Xerxes withdrew it to Persia.



KRESILAS, Pericles.
(lived 495-429)
Roman marble copy after
a bronze original of ca.
429 BCE
Vatican Museums, Rome.

## Pericles

Athenian general and statesman largely responsible for the full development of Athenian democracy and the Athenian empire. He asserted Athenian control over the Delian League and used the league's treasury to rebuild the Acropolis.

Athens in the time of Pericles was a democracy where citizens -- free males born in Athens -- voted for a variety of officials.
"Freedom is the sure possession of those alone who have the courage to defend it." Pericles



## Acropolis:

(Greek: "city at the top") Central, defensively oriented district in ancient Greek cities, located on the highest ground and containing the chief municipal and religious buildings.



IKTINOS and KALLIKRATES, Parthenon the Temple of Athena Parthenos Acropolis, Athens, Greece, 447-438 BCE.


IKTINOS and KALLIKRATES, Parthenon, the Temple of Athena Parthenos Reconstructed model of the west facade. Acropolis, Athens, Greece, 447-438 BCE.


Centauromachy ( 32 metopes)
Plan of the Parthenon, Acropolis, Athens, Greece, with diagram of sculptural program, 447-432 BCE.


Parthenon. L.Diagram of Adjustments. R. stylobate


Golden Ratio-1.61803...:1 (Phi)
A golden rectangle is a rectangle with dimensions which are of the golden ratio, $1: \varphi$ (i.e., 1.61803...). It has been claimed to be the most aesthetically pleasing shape of a rectangle.



PHIDIAS, Athena Parthenos ('virgin') ca. 438 BCE. approx. 38 ' tall. Ivory and gold on wooden frame. Gold plates weighed approximately 1,500 pounds.
R: Model from Ontario Mus., Toronto. L. from replica of Phrthenon in Nashville

## Elgin Maibles

Greek sculptures in the British Museum. They were taken from Athens to England in 1803 by Lord Elgin.


## Discussion Question:

Form a group of three students. One student should represent the Greek government and ask for the return of the Elgin Marbles to Greece. One student should represent the British government and should argue why they should stay in the British Museum. The third person should represent the U.N and come up with a decision about the fate of the marbles. Write down all the arguments as well as the decision.


Panathenaic Festival Procession. From the Parthenon, Acropolis, Athens, Greece, ca. 447-438 BCE. Marble, approx. 3' 6" high., British Museum, London.

Late Classical Period $4^{\text {th }} c$. BCE


POLYKLEITOS THE YOUNGER, Theater, Epidauros, Greece, ca. 350 BCE.


5-76. Plan of the theater at Epidauros


THEODOROS OF PHOKAIA, Tholos, Delphi, Greece, ca. 375 BCE.

POLYKLEITOS THE YOUNGER, Coninthian capital, from the Tholos, Epidauros, Greece, ca. 350 BCE.
Archaeological Museum, Epidauros.



Restored replica of Hermes and Dionysos

PRAXITELES, Hemmes and the infant Dionysos, from the Temple of Hera, Olympia, Greece. Marble copy after an original of ca. 340 BCE, approx. 7' 1" high. Archaeological Museum, Olympia.


## PRAXITELES, Aphrodite of Knidos:

Roman marble copy after an original of ca. 350-340 BCE. Approx. 6' 8" high. Vatican Museums, Rome.



Companison: Athena, Herakles, and Atlas with the apples of the Hesperides, metope from the Temple of Zeus, Olympia, Greece, ca. 470-456 BCE. Marble, approx. 5' 3" high.

LYSIPPOS, Weary Heraldes Roman marble copy from Rome, Italy, after a bronze original of ca. 320 BCE. Approx. $10^{\prime} 5$ '" high. Museo Nazionale, Naples.


LYSIPPOS, Weary Heraldes. Roman marble copy from Rome, Italy, after a bronze original of ca. 320 BCE . Approx. 10 ' 5" high.


Companison: POLYKLEITOS, Doryphoros
(Spear Bearer). Roman marble copy after a bronze original of ca. 450-440 BCE, 6' 11'" high


## Abduction of Persepone.

Wall painting from Tomb I.
Vergina. Macedonia.
c. 366 BCE


Modeling (also called "shading"): In two-dimensional art, simulating the effects of light and shadow in order to portray optically convincing masses.

## Alexander the Great, 356-

 323 B.C., king of Macedon, conqueror of much of Asia. The son of Philip II of Macedon, he had Aristotle as his tutor and was given a classical education. At the peak of his powers, his empire stretched from the western edge of modern-day India across to Egypt (where he founded the city of Alexandria and named it for himself). He died at age 33 .

Alexander the Great. Roman copy (1st or 2nd century CE) of a bronze sculpture made by Lysippos


Alexander Empire c. 323 B.C.E


PHILOXENOS OF ERETRIA, Battle of Issus, ca. 310 BCE. Roman copy (Alexander Mosaic) from the House of the Faun, Pompeii, Italy, late second or early first century BCE. Tessera mosaic, approx. 8' 10" X 16' 9". Museo Nazionale, Naples.


## Hellenistic Art 323 BCE - 31 BCE

## (approx. $3^{\text {rd }}-1^{\text {st }}$ c. BCE )

Hellas: The Greek name for Greece
Hellens: Greeks



Reconstructed west front of the Altar of Zeus from Pergamon
Turkey, ca. 175 BCE. Staatliche Museen, Berlin.



Athena battling Alkyoneos, detail of the gigantomachy frieze, from the Altar of Zeus, Pergamon, Turkey. Marble, approx. 7' 6" high. Staatliche Museen, Berlin.


## EPIGONOS(?), Gallic chieftain killing

 himself and his wife Roman marble copy after a bronze original from Pergamon, Turkey, ca. 230-220 BCE, approx. 6' 11" high.


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Roman marble copy after a bronze original from Pergamon, Turkey, ca. 230-220 BCE, approx. 6' 11" high.

Companison: POLYKLEITOS, Doryphoros (Spear Beares). Roman marble copy from Pompeii, Italy, after a bronze original of ca. 450440 BCE, 6' 11" high. Museo Nazionale, Naples.



EPIGONOS(?), Dying Gaul. Roman marble copy after a bronze original from Pergamon, Turkey, ca. 230-220 BCE, approx. 3' 1/2" high. Museo Capitolino, Rome.


Nike of Samothrace, from Samothrace, Greece, ca. 190 BCE. Marble, figure approx. 8' 1" high. Louvre, Paris.



ALEXANDROS OF ANTIOCH-ON-THEMEANDER, Aphrodite (Venus de Milo), from Melos, Greece, ca. 150-125 BCE. Marble, approx. 6' 7" high. Louvre, Paris.


ALEXANDROS OF
ANTIOCH-ON-THEMEANDER, Aphrodite (Venus de Milo), from Melos, Greece, ca. 150-125 BCE. Marble, approx. 6' 7" high. Louvre, Paris.


Sleeping satyr, from Rome, Italy, ca. 230-200 BCE. Marble, approx. 7' 1" high. Glyptothek, Munich.




ATHANADOROS, HAGESANDROS, and POLYDOROS OF RHODES, Laocoön and his sons, from Rome, Italy, early first century CE Marble, approx. 7' 10 1/2" high. Vatican Museums, Rome.


## Discussion Question:

Discuss the development of the standing male nude in Greek sculpture. Note particularly the changing proportions, the depiction of motion, and the conception of the figure in space. Cite specific examples to illustrate your discussion.



Statues of Asclepius with his symbol, the serpent-entwined staff


Asclepius is the god of medicine and healing in ancient Greek mythology.


This first-century A.D. relief of a leg was dedicated by a man named Tycheas as "a thank-offering to Asklepius and Hygeia" at the Asklepion on the island of Melos, Greece.


This gilded bronze ear was presented to the Asklepion at Pergamum by a woman named Fabia Secunda, who had in made "for the god Asklepius because the ear was healed in a dream."

