

INTRODUCTION TO ARCHAEOLOGY

STUDY GUIDE

TK, Chapter 1

Learn the difference between antiquarianism and anthropological archaeology.

TK, Chapter 2

Learn the similarities and differences between scientific and humanistic approaches to archaeology.

TK, Chapter 3

Learn the different levels of archaeological theory and the major paradigms in archaeology.

TK, Chapter 4

Learn the sampling and regional surveying techniques archaeologists use to find archaeological sites.

TK, Chapter 5

Learn the major remote sensing techniques in archaeology, the data they generate, and the kinds of sites that can be found by those techniques.

TK, Chapter 6

Learn the principles and terminology of archaeological excavation and the effects of different preservation conditions on material remnants of life in the past.

TK, Chapter 7

Learn the difference between systemic contexts and archaeological contexts, and the types of site formation processes.

TK, Chapter 8

Learn the major dating techniques in archaeology, and the situations in which different dating methods are applicable.

TK, Chapter 9

Learn the reasons why archaeologists construct artifact typologies and the ways they do so.

TK, Chapter 10

Learn how ethnoarchaeology and experimental studies enable archaeologists to develop analogies.

TK, Chapter 11

Learn the ways that zooarchaeologists and archaeobotanists reconstruct the use of plants and animals by past societies.

TK, Chapter 12

Learn the ways that bioarchaeologists can reconstruct health and life activity patterns by studying human remains.

TK, Chapter 13

Learn the ways that archaeologists reconstruct systems of egalitarian and ranked status in past societies.

TK, Chapter 14

Learn the ways that archaeologists attempt to interpret symbolic imagery created by people in the past.

TK, Chapter 15

How have archaeologists explained the transition from foraging to farming and the emergence of states and civilizations?

TK, Chapter 16

How does archaeology complement documentary evidence about peoples and places of the relatively recent past?

TK, Chapter 17

What is cultural resource management? Who owns the past? Who is responsible for preserving archaeological sites, historic sites, and other material remnants of the past?

TK, Chapter 18

How can (or should) archaeologists interact with the descendants of the people whose sites and artifacts they study? Who owns the past? Who has the authority to study the past?

magazine and journal articles—Learn how particular archaeological techniques and concepts contribute to general archaeological knowledge. Evaluate the arguments made in those articles.

material discussed during class—Class lectures and discussions will focus on particular examples, or case studies, that illustrate specific techniques and concepts in anthropological archaeology. Think of other examples from course readings that illustrate those same techniques and concepts.

Familiarize yourself with the terms, names, and concepts listed on the following pages.

The best way to learn these terms, techniques, and concepts is to consult the definitions given in the glossary and respective chapters of the textbook, and to remember an example(s) from course readings or lectures that demonstrate(s) the significance of each term to the practice of archaeology.

TK, Chapter 1

Americanist archaeology
 classical archaeology
 New archaeology
 culture history
 conjunctive approach
 antiquarianism
 artifact
 ecofact
 midden
 stratigraphy
 potsherd
 Nabonidus of Babylon
 Boucher de Perthes
 C.B. Moore
 Nels Nelson
 A.V. Kidder
 James Ford
 Walter Taylor
 Lewis Binford
 Kathleen Deagan

TK, Chapter 2

archaeology
 ethnography
 culture
 enculturation
 ideational perspective
 adaptive perspective
 hypothesis
 inductive reasoning
 deductive reasoning
 bridging arguments
 Thomas Jefferson
 Squier and Davis
 Cyrus Thomas

TK, Chapter 3

theory
 low-level theory
 middle-level theory
 middle-range theory
 high-level theory
 paradigm
 data
 processual archaeology
 cultural materialism
 systems theory
 postprocessual archaeology
 domestic economy
 political economy
 stelae
 Adolph Bandelier
 Ian Hodder

TK, Chapter 4

archaeological site
 projectile points
 regional survey
 seasonal round
 settlement pattern
 settlement system
 statistical sampling
 statistical population
 sample universe
 sample fraction
 sample units
 stratified random sample
 deflation
 non-site archaeology
 shovel testing
 plow zone
 full-coverage survey

TK, Chapter 5

remote sensing
 proton magnetometer
 soil resistivity
 ground penetrating radar (GPR)
 geographic information systems (GIS)
 landscape archaeology

TK, Chapter 6

provenience
 datum
 test excavation
 natural level
 arbitrary level
 living floor
 strata
 water-screening
 matrix-sorting
 flotation

TK, Chapter 7

geoarchaeology
 geomorphology
 site formation processes
 law of superposition
 stratigraphy
 hominids
 alluvial sediments
 eolian sediments
 colluvial sediments
 marker bed
 soil
 reverse stratigraphy
 systemic context
 archaeological context

- reclamation
 - cultural disturbance
 - reuse
 - floraturbation
 - faunalturbation
 - krotovina
 - cryoturbation
 - argilliturbation
 - graviturbation
 - imbrication
- TK, Chapter 8
- absolute dates
 - relative dates
 - index fossils
 - time markers
 - seriation
 - dendrochronology
 - radiocarbon dating
 - half-life
 - accelerator mass spectrometry
 - trapped charge dating
 - thermoluminescence
 - optically stimulated luminescence
 - electron spin resonance
 - potassium-argon dating
 - argon-argon dating
 - old wood problem
 - pipe stem dating
 - mean ceramic date
 - terminus post quem*
 - terminus ante quem*
 - Neanderthal
- TK, Chapter 9
- typology
 - type
 - space-time systematics
 - morphological type
 - temporal type
 - functional type
 - attribute
 - period
 - phase
 - assemblage
 - component
 - Mousterian
- TK, Chapter 10
- analogy
 - formal analogy
 - relational analogy
 - ethnoarchaeology
 - taphonomy
 - bonebed
 - kiva
- sipapu
 - heat treatment
 - flake
 - core
 - flute
 - channel flake
 - hafting
- TK, Chapter 11
- zooarchaeology
 - archaeobotany
 - seasonality
 - taxon
 - size classes
 - number of identified specimens
 - minimum number of individuals
 - coprolite
 - palynology
 - pollen diagram
 - phytoliths
 - lipids
 - Pleistocene
 - Holocene
 - Chavin
- TK, Chapter 12
- bioarchaeology
 - osteology
 - burial population
 - charnel house
 - bundle burial
 - sciatic notch
 - epiphyses
 - pubic symphysis
 - paleopathology
 - porotic hyperostosis
 - cribra orbitalia
 - harris lines
 - lineal enamel hypoplasias
 - osteoarthritis
 - osteophyte
 - eburnation
 - caries
 - long bone cross sections
 - mortality profiles
 - bone collagen
 - molecular archaeology
 - nuclear DNA
 - mitochondrial DNA
 - molecular clock
- TK, Chapter 13
- social organization
 - political organization
 - gender ideology

- chiefdom
 - codices
 - shell midden
 - ascribed status
 - achieved status
 - egalitarian societies
 - ranked societies
 - Mississippian
 - Hopewell
 - down-the-line trade
 - direct acquisition
 - Yap
- TK, Chapter 14
- cognitive archaeology
 - symbol
 - religion
 - ritual
 - cosmology
 - iconography
 - interaction sphere
 - Magdalenian
 - Paleolithic
 - structuralism
 - totem
 - shaman
 - vision quest
 - sympathetic magic
- TK, Chapter 15
- comparative method
 - cultural evolution
 - natural selection
 - historical particularism
 - band
 - tribal societies
 - civilization
 - archaic state
 - oasis theory
 - density equilibrium model
 - hilly flanks theory
 - population pressure
 - carrying capacity
 - optimal foraging theory
 - coevolution
 - Fertile Crescent
 - Younger Dryas
 - Natufian
 - Neolithic
 - irrigation hypothesis
 - circumscription hypothesis
 - ideology
 - ancestor worship
- TK, Chapter 16
- historical archaeology
 - power garden
- TK, Chapter 17
- cultural resources
 - cultural resource management
 - Antiquities Act (1906)
 - National Historic Preservation Act (1966)
 - Archaeological Resources Protection Act (1979)
 - Native American Graves Protection And Repatriation Act (1990)
 - funerary objects
 - sacred objects
 - objects of cultural patrimony
 - repatriation
- TK, Chapter 18
- forensic archaeology
 - disaster archaeology
 - cairn
 - repatriation