

# UNIT 6 VOCABULARY

This report provides a summary of key vocabulary for this unit. For each word, you will find the definition, related words, its word family, and examples of how the word, or forms of the word, are used in a sentence.

## archaeologist

- a person who studies prehistoric people and their culture

**Related words:** archaeologist, archeologist

**Word family:** archaeologists

- Examples:**
- Cemeteries provide archaeologists with much information.
  - An archaeologist, Theodore Davis, had announced that he had found the tomb of Tutankhamun.
  - The discovery of a large quantity of special items can indicate to the archaeologist that the ancient community was sufficiently wealthy to engage in extensive trade with neighbors.

## attract

- direct toward itself or oneself by means of some psychological power or physical attributes
- be attractive to
- exert a force on (a body) causing it to approach or prevent it from moving away

**Related words:** allure, appeal, attract, draw, pull

**Word family:** attractively, attraction, attractiveness, attractions, attracts, attracted, attractive, unattractive, attract, attracting

- Examples:**
- Gravity always makes objects attract each other.
  - A magnet can attract through water and paper.
  - Two poles that are not alike attract each other.

## collective learning

The ability to share, preserve, and build upon ideas over time.

- Examples:**
- An example of collective learning would be how Galileo built upon the discovery of Copernicus by adding more evidence.
  - The discovery of the structure of DNA was a result of decades of collective learning.
  - Collective learning is a core concept in the Big History course.

## culture

- a particular society at a particular time and place
- the tastes in art and manners that are favored by a social group
- all the knowledge and values shared by a society
- (biology) the growing of microorganisms in a nutrient medium (such as gelatin or agar)
- the raising of plants or animals
- a highly developed state of perfection; having a flawless or impeccable quality
- the attitudes and behavior that are characteristic of a particular social group or organization
- grow in a special preparation

**Related words:** acculturation, civilisation, civilization, cultivation, culture, Finnish, Polish, refinement

**Word family:** culturing, culture, cultural, culturally, agriculturalists, agricultural, horticultural, agriculture, horticulture, subculture, agriculturalist, cultured, cultures, counterculture

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<b>Examples:</b>	<ul style="list-style-type: none"> <li>• People in culture groups share many beliefs.</li> <li>• People add or change parts of an environment with their culture.</li> <li>• The words people use and the songs they sing are part of their culture.</li> </ul>
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**environment**

	<ul style="list-style-type: none"> <li>• the totality of surrounding conditions</li> <li>• the area in which something exists or lives</li> </ul>
<b>Related words:</b>	environment, environs, surround, surroundings
<b>Word family:</b>	environs, environmentalism, environmentalist, environmentalists, environments, environment, environmental, environmentally
<b>Examples:</b>	<ul style="list-style-type: none"> <li>• Many habitats make up the environment.</li> <li>• Climate is a part of the environment.</li> <li>• People change the environment all the time.</li> </ul>

**evidence**

	<ul style="list-style-type: none"> <li>• your basis for belief or disbelief; knowledge on which to base belief</li> <li>• an indication that makes something evident</li> <li>• provide evidence for; stand as proof of; show by one's behavior, attitude, or external attributes</li> </ul>	<ul style="list-style-type: none"> <li>• (law) all the means by which any alleged matter of fact whose truth is investigated at judicial trial is established or disproved</li> <li>• provide evidence for</li> <li>• give evidence</li> </ul>
<b>Related words:</b>	attest, certify, demonstrate, evidence, grounds, manifest, prove, show, tell, testify	
<b>Word family:</b>	evidencing, evident, evidence, evidenced, evidences, evidential, evidently	
<b>Examples:</b>	<ul style="list-style-type: none"> <li>• By studying the evidence, archaeologists have learned much about early people.</li> <li>• A depositor should keep his cancelled checks as evidence that payments have been made.</li> <li>• Now that we have examined the various forms of evidence that are used by the speaker, let us turn to the process of assembling evidence and ideas into some coherent form.</li> </ul>	

**evolution**

	<ul style="list-style-type: none"> <li>• a process in which something passes by degrees to a different stage (especially a more advanced or mature stage)</li> <li>• (biology) the sequence of events involved in the evolutionary development of a species or taxonomic group of organisms</li> </ul>
<b>Related words:</b>	development, evolution, phylogeny
<b>Word family:</b>	evolutionists, evolution, evolutionary, evolve, evolving, evolves, evolved, evolutionist
<b>Examples:</b>	<ul style="list-style-type: none"> <li>• The idea of evolution was itself highly controversial in Darwin's time.</li> <li>• Evolution has been going on since the Earth was formed billions of years ago.</li> <li>• Scientists believe that modern man, like all other living organisms, is the product of evolution.</li> </ul>

**evolve**

	<ul style="list-style-type: none"> <li>• work out</li> <li>• undergo development or evolution</li> <li>• gain through experience</li> </ul>
<b>Related words:</b>	acquire, develop, evolve, germinate

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<b>Word family:</b>	evolutionists, evolution, evolutionary, evolve, evolving, evolves, evolved, evolutionist
<b>Examples:</b>	<ul style="list-style-type: none"> <li>Once on the islands, the ancestral species could evolve rapidly.</li> <li>Because their generation times are short, new species of unicellular organisms may evolve in years, months, or even days.</li> <li>Democratic peoples hope that additional nations eventually will evolve toward political freedoms and human rights.</li> </ul>

## foraging

<ul style="list-style-type: none"> <li>the act of searching for food and provisions</li> <li>collect or look around for (food)</li> <li>wander and feed</li> </ul>	
<b>Related words:</b>	forage, foraging, scrounge
<b>Examples:</b>	<ul style="list-style-type: none"> <li>It is midday, and you have briefly halted your foraging activities to rest by yourself on a wooded hillside.</li> <li>Deer foraging nearby raised their heads and looked at us curiously.</li> <li>Across the lane an old woman took a stick to a mongrel foraging in her doorway, sending him sliding and yelping across the cobbles to sniff at Katharine's heels, persistent as a constable, the girl thought in rising panic.</li> </ul>

## fossils

<ul style="list-style-type: none"> <li>someone whose style is out of fashion</li> <li>the remains (or an impression) of a plant or animal that existed in a past geological age and that has been excavated from the soil</li> </ul>	
<b>Related words:</b>	dodo, fogey, fossil
<b>Word family:</b>	fossils, fossilized, fossilization, fossil
<b>Examples:</b>	<ul style="list-style-type: none"> <li>Many fossils are found in rocks.</li> <li>Geologists use fossils to learn about life in the past.</li> <li>What fossils have you found or seen?</li> </ul>

## genealogy

<ul style="list-style-type: none"> <li>successive generations of kin</li> <li>the study or investigation of ancestry and family history</li> </ul>	
<b>Related words:</b>	genealogy, pedigree
<b>Word family:</b>	genetics, genealogy, genes, geneticist, genealogies, genealogical, genetic, genetically, gene
<b>Examples:</b>	<ul style="list-style-type: none"> <li>Although other chiefdoms calculate seniority differently and have shorter genealogies than Polynesia, the concern for genealogy and seniority and the absence of sharp gaps between elites and commoners are usual attributes of any chiefdom.</li> <li>Colonial families were patrilineal, the wife and children took the father's family name and the children traced their family line or genealogy through the father.</li> </ul>

## generation

<ul style="list-style-type: none"> <li>all the people living at the same time or of approximately the same age</li> <li>group of genetically related organisms constituting a single step in the line of descent</li> <li>the normal time between successive generations</li> </ul>	<ul style="list-style-type: none"> <li>a stage of technological development or innovation</li> <li>a coming into being</li> <li>the production of heat or electricity</li> <li>the act of producing offspring or multiplying by such production</li> </ul>
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<b>Related words:</b>	contemporaries, generation, genesis, multiplication, propagation
<b>Word family:</b>	regenerator, generating, generates, generator, generation, regeneration, regenerative, regenerate, generated, generators, generative, generate, generations
<b>Examples:</b>	<ul style="list-style-type: none"> <li>Each of these traits passed from generation to generation.</li> <li>Generation after generation, each son got an equal share of inheritance.</li> <li>Spontaneous generation means the creation of life without any of the usual means of reproduction.</li> </ul>

**genetics**

- the branch of biology that studies heredity and variation in organisms

<b>Related words:</b>	genes, genetics
<b>Word family:</b>	genetics, genealogy, genes, geneticist, genealogical, genetic, genetically, gene
<b>Examples:</b>	<ul style="list-style-type: none"> <li>“Dr. Mayer has published more than 100 articles in various scientific journals, and he is co-author of the famous “handbook of behavior genetics.”</li> <li>The co-author of the famous “handbook of behavior genetics” was frankly petrified.</li> <li>But before he got interested in drugs, Huxley studied genetics.</li> </ul>

**hominines**

All bipedal species in the human line since it diverged from the common ancestor with chimpanzees; first appeared 8 to 5 million years ago. The only survivors of this line are *Homo sapiens*, or modern humans.

<b>Examples:</b>	<ul style="list-style-type: none"> <li>The lesser flamingo frequented shallow lakes in East Africa at the time of the earliest hominines.</li> <li>Early hominines foraged for food and walked upright so that they could see over the tall grass.</li> <li>The earliest hominines might have made occasional use of natural fires caused by lightning, but <i>Homo erectus</i> seems to have been the first to create and use fire deliberately.</li> </ul>
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***Homo ergaster* or *Homo erectus***

Hominine species that appeared in Africa almost two million years ago. Almost as tall as modern humans, their brains were larger than those of *Homo habilis*, and they tamed fire, pair bonded, and made more complex stone tools. Some *Homo ergaster* migrated into Eurasia, reaching as far as China.

<b>Examples:</b>	<ul style="list-style-type: none"> <li><i>Homo erectus</i>, one of the earliest human species, evolved in Africa.</li> <li>Early humans like <i>Homo erectus</i> used tools.</li> <li>A unique accomplishment of <i>Homo erectus</i> was that this species was the first to leave Africa.</li> </ul>
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***Homo habilis***

A hominine relative of human beings that appeared in Africa between 2 and 3 million years ago, *Homo habilis* was able to make simple tools.

<b>Examples:</b>	<ul style="list-style-type: none"> <li>“It’s not like Louis Leakey hammering and hammering on Phillip Tobias about <i>Homo habilis</i> until he had him beaten down?”</li> <li>They called this early human <i>Homo habilis</i> (“man with ability”).</li> <li>Although only 3 1/2 to 4 1/2 Feet tall, <i>Homo habilis</i> was said to belong to the same genus as modern humans.</li> </ul>
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*Homo sapiens*

The scientific name for our species, which is thought to have evolved in Africa between 200,000 and 300,000 years ago.

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| <b>Examples:</b> | <ul style="list-style-type: none"> <li>• What characteristics would you assign to an organism to place him in the genus <i>Homo</i> (man)?</li> <li>• Yet both men are placed in the genus <i>Homo</i>.</li> <li>• However, he is not classified as <i>Homo sapiens</i> “man, the wise”, the species of which you are a member.</li> </ul> |
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## institute

- set up or lay the groundwork for
- advance or set forth in court
- an association organized to promote art or science or education

<b>Related words:</b>	bring, constitute, establish, found, institute, plant
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<b>Word family:</b>	institutes, instituted, instituting
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| <b>Examples:</b> | <ul style="list-style-type: none"> <li>• Before 1972, there was no such organization as the National Institute for Automotive Service Excellence.</li> <li>• The institute promotes the understanding of the world’s aluminium industry and the broader use of its products.</li> <li>• Stanford Research Institute suggests it may be possible to grow plants which will contain proteins of a quality as good as those found in meats.</li> </ul> |
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## marsupials

- mammals of which the females have a pouch (the marsupium) containing the teats where the young are fed and carried

<b>Related words:</b>	marsupial
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<b>Word family:</b>	marsupials
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| <b>Examples:</b> | <ul style="list-style-type: none"> <li>• Kangaroos are classified as marsupials.</li> <li>• Many species of marsupials are native to Australia.</li> </ul> |
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## migration

- the movement of persons from one country or locality to another
- a group of people migrating together (especially in some given time period)
- (chemistry) the nonrandom movement of an atom or radical from one place to another within a molecule
- the periodic passage of groups of animals (especially birds or fishes) from one region to another for feeding or breeding

<b>Related words:</b>	migration
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<b>Word family:</b>	migrated, migratory, migrate, immigration, migrant, emigration, migration, immigrate, migrating, emigrate, emigrating, migrants, emigrated, immigrants, immigrant, migrations, emigrants
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| <b>Examples:</b> | <ul style="list-style-type: none"> <li>• Migration usually occurs during changes in seasons.</li> <li>• Thermally polluted water blocks the migration of some fish.</li> <li>• Migration is moving from one location to another and back again at a later time.</li> </ul> |
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## Neanderthal

- ill-mannered and coarse and contemptible in behavior or appearance
- extinct robust human of Middle Paleolithic in Europe and western Asia
- relating to or belonging to or resembling Neanderthal man

**Related words:** boorish, loutish, neandertal, neanderthal, swinish

**Word family:** neanderthals

- Examples:**
- The bones of Neanderthal in Europe were different from the bones of Neanderthal men in Palestine.
  - When we remember that Neanderthal men used the same style of chipping stone knives and spear points for 50,000 years, we are positive that they used language to teach others how to chip stone.
  - We know that each Neanderthal did not invent this style of toolmaking all over again.

## nomadic

- migratory

**Related words:** mobile, nomadic, peregrine, roving, wandering

**Word family:** nomadic, nomad

- Examples:**
- Nomadic herdsman were still tending scrawny animals in an almost barren desert land.
  - The early Chinese were farmers and considered themselves more civilized than their neighboring nomadic herders and hunters.
  - Scientists say that nomadic herding is the best use of this land as long as herds don't grow too large.

## preserve

- keep or maintain in unaltered condition; cause to remain or last
- keep in safety and protect from harm, decay, loss, or destruction
- to keep up and reserve for personal or special use
- a domain that seems to be specially reserved for someone
- prevent (food) from rotting
- a reservation where animals are protected
- fruit preserved by cooking with sugar
- maintain in safety from injury, harm, or danger
- keep undisturbed for personal or private use for hunting, shooting, or fishing

**Related words:** conserve, conserves, continue, jam, jelly, keep, maintain, marmalade, preserve, preserver, preserves, protect, save, uphold

**Word family:** preserve, preserves, preserver, preservatives, preserving, preservation, preserved, unpreserved, preservative

- Examples:**
- Wildlife managers strive to protect and preserve wildlife.
  - The aim is to preserve the wilderness for present and future generations to enjoy.
  - The North fought to preserve the Union at first, and after a time it fought to free the slaves.

## relationship

- a relation between people; ('relationship' is often used where 'relation' would serve, as in 'the relationship between inflation and unemployment')
- a state of connectedness between people (especially an emotional connection)
- a state involving mutual dealings between people or parties or countries
- (anthropology) relatedness or connection by blood or marriage or adoption

**Related words:** kinship, relationship

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<b>Word family:</b>	interrelate, relationship, relativistic, relativism, correlations, related, relative, relation, correlating, relates, relating, interrelated, relatively, relationships, interrelationship, correlated, correlate, relativity, relate, relations, relatives, unrelated, correlates, correlative, correlation, relational
<b>Examples:</b>	<ul style="list-style-type: none"> <li>• Friendship is a close relationship that usually develops over time.</li> <li>• Symbiosis is defined as two organisms, usually of different species, living in close relationship with one another.</li> <li>• Many years later, people tamed the wild dogs and developed the close relationship they have with their pet dogs today.</li> </ul>

## researcher

<ul style="list-style-type: none"> <li>• a scientist devoted to doing research</li> </ul>	
<b>Related words:</b>	investigator, researcher
<b>Word family:</b>	searches, searcher, researching, searchers, researcher, search, searching, unsearchable, researched, searched, research, researchers
<b>Examples:</b>	<ul style="list-style-type: none"> <li>• Larry became a researcher in a computer laboratory.</li> <li>• One approach to description is the “observational study,” in which the researcher observes behavior as it occurs in a particular setting.</li> <li>• A researcher in marketing finds out how well a product will sell, what the consumer wants, and what the consumer thinks of the product.</li> </ul>

## society

<ul style="list-style-type: none"> <li>• an extended social group having a distinctive cultural and economic organization</li> <li>• a formal association of people with similar interests</li> <li>• the state of being with someone</li> <li>• the fashionable elite</li> </ul>	
<b>Related words:</b>	club, companionship, company, fellowship, guild, lodge, order, society
<b>Word family:</b>	unsociable, socially, societal, socialists, society, sociologists, socializing, socialize, socialite, sociology, socialized, sociologist, socialist, antisocial, socialization, socialistic, sociological, socialism, social, socialites, societies
<b>Examples:</b>	<ul style="list-style-type: none"> <li>• Traditional China was an agricultural society.</li> <li>• A society is an organized way for individuals to live together.</li> <li>• A civilization needs a political organization to give order to the society.</li> </ul>

## technology

<ul style="list-style-type: none"> <li>• the practical application of science to commerce or industry</li> <li>• the discipline dealing with the art or science of applying scientific knowledge to practical problems</li> </ul>	
<b>Related words:</b>	engineering, technology
<b>Word family:</b>	technologically, technologies, technology
<b>Examples:</b>	<ul style="list-style-type: none"> <li>• Science and technology differ but are also related.</li> <li>• Technology has enabled farmers to greatly increase the amount of food grown.</li> <li>• Concerns over fuel supplies and over pollution are important technology topics in themselves.</li> </ul>

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**territory**

- a region marked off for administrative or other purposes
- an area of knowledge or interest
- the geographical area under the jurisdiction of a sovereign state

**Related words:** district, dominion, soil, territory

**Word family:** territoriality, territorial, territories, territory, territorialism

- Examples:**
- The Louisiana Territory stretched from the Mississippi to the Rockies.
  - Lewis and Clark were to learn all about the land, climate, animals, and plants of the territory.
  - The chickaree squirrel seems to know every knothole, twig, rock, bush, and clump of grass within his territory.

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