

Appendix

Target Words that Answered General Knowledge Questions in Experiments 1 and 2 and Five Phonologically Related Prime Words for Each.

Note: Phonemes shared by target and related words are underlined. Related list words were presented in random order with five phonologically unrelated prime words.

Target word	No. Words in Target	Phonologically Related Words
	Grammatical Class	

What is the name for a connoisseur of food and drink?

gourmet	5	gravity, <u>duration</u> , <u>earthly</u> , <u>calumet</u> , <u>gainsay</u>
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What is the name of the nylon fabric which has two pieces which stick to each other and is used as a fastener?

velcro	4	<u>venerable</u> , <u>pellet</u> , <u>decreed</u> , <u>overthrow</u> , <u>mistletoe</u>
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What word means the formation of words in imitation of natural sounds?

onomatopoeia	3	<u>onyx</u> , <u>manicure</u> , <u>diplomatic</u> , <u>copious</u> , <u>utopia</u>
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What is the name for a large, bright colored handkerchief or square of material usually worn around the neck?

bandanna	3	<u>bandoleer</u> , <u>banjo</u> , <u>sedentary</u> , <u>retina</u> , <u>marina</u>
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What is the capital and largest city in Kenya?

Nairobi	1	<u>nicety</u> , <u>neuropathic</u> , <u>heroic</u> , <u>chubby</u> , <u>bumblebee</u>
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What is the capital of Ohio?

Columbus	5	<u>cologne</u> , <u>conniver</u> , <u>alumnus</u> , <u>omnibus</u> , <u>amoebas</u>
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What is the name of the deck of cards often used for fortune telling?

tarot	4	<u>tapestry</u> , <u>triple</u> , <u>laryngitis</u> , <u>carotene</u> , <u>radio</u>
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What is the last name of the first person to complete a solo flight across the Atlantic Ocean?

Lindbergh 3 lithoid, pindling, rebound, insert, iceberg

What are people who make maps called?

cartographers 5 cardinal, carnage, paregoric, photography, gophers

What do you call a fanatical partisan who is carried away in their pursuit of a cause or object?

zealot 5 zephyr, Zionism, velocity, patriot, predicate

What do you call a stone building (often found in a cemetery) with places for entombment of the dead above ground?

mausoleum 4 mawkish, insipidity, reciprocity, oleander, petrolatum

What do you call a word made by changing the order of the letters in another word, e.g., plum-lump?

anagram 5 annex, animosity, feminism, relative, hologram

What word means to divide an area into electoral districts to give special advantage to one political party?

gerrymander 2 geriatric, amanuensis, emancipate, pander, philander

What is the name for the branch of zoology dealing with birds?

ornithology 5 orison, carnival, anniversary, anthologist, trilogy

What do you call exposing milk, cheese, or fermented liquids to a high temp? (but below the boiling point) for a given period of time, killing bacteria and arresting fermentation?

pasteurization 5 passenger, enchilada, corroboratory, frustration,
mobilization

What do you call an instrument for performing calculations by sliding beads along rods or grooves?

abacus 3 abrogate, abject, element, caucus, hibiscus

What is the name of the strait between Alaska and Siberia?

Bering 4 bellows, merriment, sarcasm, facet, asserting

What word means to sketch or outline or to foreshadow or forecast roughly?

adumbrate 2 adversary, calumny, fathomless, celebrate, calibrate

What word means toothed or notched like a saw?

serrated 2 servant, enunciating, applicator, visited, bonneted

What do you call stage entertainment consisting of various unrelated acts, such as magicians, acrobats, etc.?

vaudeville 2 vaulted, generate, invert, medieval, personnel

What is the word that means to cause to explode or set off (e.g., a bomb)?

detonate 3 detriment, deteriorate, neonate, notarize, illuminate

What word means to spend wastefully or foolishly?

squander 1 suffering, schema, pontificate, funding, culture

What do you call illegal trade, or smuggling goods into or out of a country contrary to law?

contraband 2 conduit, conflagration, extradite, ostracize, disband

What is the name of the lizard that changes its color to match its surroundings?

chameleon 3 cacophony, canonical, ameliorate, battalion, medallion

what is the last name of the author of little women?

Alcott 4 alderman, abscissa, relish, declare, ferret

What do you call a word or sentence that reads the same backward or forward as, “Madam, I’m Adam”?

palindrome 3 palisade, pallid, parenthetical, fascination, hippodrome

What do you call 3 periods (...) used to indicate an omission or a pause?

ellipsis 3 illegible, philippic, calypso, emphasis, cirrhosis

What do you call a verb that does not take a direct object?

intransitive 3 invasion, inane, quietness, preventive, declarative

What is the name of the migratory grasshopper that travels in vast swarms and strips areas it passes of all vegetation?

locust 2 lonesome, momentary, whisker, reciprocate, sentimentalist

What is the name of the islands off the coast of Ecuador that Darwin visited to study unique species of animal life?

Galapagos 4 garage, phylogeny, impetus, fandangos, forgoes

What word means to voluntarily sacrifice (e.g., cargo) in order to lighten a ship or aircraft's load in time of distress?

jettison 0 palatine, hesitant, prison, medicine, jewel

What do you call false testimony while under oath?

perjury 2 pervade, permanent, injurious, obituary, treasury

What is the order of lower mammals including kangaroos and opossums which carry their young in an abdominal pouch?

marsupials 4 marquee, insouciance, opium, principals, corals

What do you call the act of an authority by which pardon is granted to a large group of individuals, esp. for offenses against the state?

amnesty 2 ampersand, universal, banister, pasty, testy

What do you call the weapon used by the Indians and gauchos of South America to entangle the legs of cattle and other animals?

bola 3 bovine, biotin, hotel, selective, media

What word means lasting only a very brief time?

ephemeral 4 Episcopal, ebullient, effeminate, aerobically, general

What is the name of the process by which plants make their food?

photosynthesis 4 photogravure, biochemical, immobility, antithesis, paralysis

What is the navigation instrument used at sea to plot position by the stars?

sextant 3 secondary, semblance, restrain, pheasant, feint

What is the word describing a person who is hardened, unfeeling, or indifferent to insults and the suffering of others?

callous 2 cabinet, fallow, melanin, prestigious, coffee

What do you call the physical or moral power of endurance?

stamina 4 stampede, italicized, fidelity, alumina, prolegomena

What is the name for a mythical figure, half man, half horse?

Centaur 2 seldom, renovation, nocturnal, limber, consort

What do you call a person who collects or studies stamps?

philatelist 3 physician, equilateral, violate, imperialist, forest

What is the last name of the first person to set foot on the moon?

Armstrong 2 ardent, dermatologist, instruct, foresight, along

What is the name of the art of Japanese paper folding?

origami 4 oratorio, risibility, conglomerate, pastrami, sturdy

What do you call a savory liquid in which meat, fish, or a vegetable is soaked before cooking to enhance its flavor?

marinade 4 marrow, marathon, imitate, concomitant, serenade

What is the name of the underground structure used for storing and launching missiles?

silo 5 sinus, scripture, minority, parallel, picot

What do you call a purification or purgation of the emotions that is supposed to happen through art?

catharsis 3 cavort, catastrophe, lethargic, parenthesis, homeostasis

What is the name of the Egyptian plant that is cut into strips and pressed into a material to write on?

papyrus 3 pagoda, palladium, impiety, amorous, phosphorus

What word means to formally renounce a throne?

abdicate 3 abstract, indigent, tradition, truncate, locate

What is the name for a person trained to pilot, navigate or otherwise participate in the Soviet space program?

cosmonaut 4 cosmetic, costume, thermocline, presumably, juggernaut

What word means to bleed heavily or uncontrollably?

hemorrhage 5 hemlock, hemisphere, deaden, mannerism, courage

What is the name of the instrument used to measure wind speed?

anemometer 5 answer, ancestry, orifice, organizer, waiter

What do you call the explanatory comment or designation accompanying a pictorial illustration?

caption 3 caribou, haphazard, uproarious, onion, infection

What is the name of the mountain range in which Mount Everest is located?

Himalayas 4 hymnology, levitation, citizen, salacious, galleries

What do you call the position of the arms when the hands are on the hips and the elbows are out?

akimbo 2 acrylic, accumulate, photochemical, placebo, mambo

What do you call the process of adding chemicals (to a water supply) for the purpose of preventing tooth decay?

fluoridation 5 fluoroscope, generator, affidavit, nutrition, ammunition

What word means to steal the writings or ideas of another and pass them off as one's own?

plagiarize 3 placate, playful, tragedy, memorize, cauterize

What is the word meaning favoritism in hiring based on family relationships?

nepotism 5 neptunium, quietude, capillary, despotism, optimism

What word means the transformation from one form to another, as from caterpillar to butterfly?

metamorphosis 3 metal, immemorial, demoralize, emphasize, hypothesis

What word means to make calm or serene, or to reduce agitation, especially by use of a drug?

tranquilize 4 transcend, transport, aquiline, colonize, mechanize

What is the last name of the man who assassinated Robert Kennedy?

Sirhan 2 seriate, scepter, peerless, inhale, pylon

What word means to repeat something for emphasis?

reiterate 3 rejoinder, redouble, habitable, berate, saturate

What is the disorder of blood clotting resulting in excessive bleeding?

hemophilia 4 heater, demolition, reaffiliate, memorabilia, pizza

barnacle 2 barbarous, carnival, denigrate, ramshackle, semicircle

What is the last name of the actor who starred in both the Broadway production and the film, “a streetcar named desire”?

Brando 3 brassy, bristle, mandrake, credo, tombolo

What do you call a building for the display of projected images of the stars for educational purposes?

planetarium 4 plantigrade, janitor, dysentery, courteous, septum

What is the maze like network of passages, originally home to the Minotaur?

labyrinth 3 labefaction, labdanum, impossible, hyacinth, nineteenth

What is the class of drugs to which penicillin and streptomycin belong?

antibiotics 3 analects, angelic, sybiosis, forgotten, comics

What word means reappearing or being reborn in another body after death?

reincarnation 2 refrain, disinfest, incarcerate, denature, diction

What do you call a member of a volunteer group organized to suppress and punish crime (as when ordinary legal processes seem inadequate)?

vigilante 4 vigor, vinegar, lanceted, fatality, sentimentality

What is the unit of Russian money?

ruble 3 rudiment, roast, dubious, sober, tentacle

What is the term for a woman hater?

misogynist 3 mikado, ominous, exogenous, expansionist, mirage

What is a house of rest for travelers or the terminally ill, often kept by a religious order?

hospice 1 hostler, docile, deport, rapid, topless

What do you call a solemn declaration made by a person who conscientiously declines taking an oath?

affirmation 3 afferent, inertia, mammalian, nation, improvisation

What is the term for the occurrence of fortunate and unexpected discoveries?

serendipity 4 sericin, diencephalon, undiplomatic, gravity, finality

What do you call a compulsion to steal repeatedly?

kleptomania 3 clement, frontogenesis, exclamation, felonious, dystopia

What do you call a ceremonial farewell address given at a graduation?

valedictory 2 valiant, gratulate, benediction, salutatory, sloppy

What do you call the set of 12 signs or constellations of astrology?

zodiac 4 zoology, indecent, codeine, attack, maniac

What is the last name of the famous magician and escape artist who died of appendicitis?

Houdini 4 hooligan, ideation, redeeming, polygyny, euphony

What is the term describing an issue that is open to discussion or modification?

negotiable 1 neglect, cargo, machinery, augmentable, rumble

spelunkers 4 spicule, spirula, bilingual, workers, undertakers

What do you call the accumulation of earth and stones carried and finally deposited by a glacier?

moraine 2 moralize, murky, surface, terrain, profane

What do you call a large hairy tropical spider with a painful bite?

tarantula 2 tyrannical, telepathy, virtual, enchant, umbrella

What is the term for a statistician who computes insurance risks?

actuary 1 acrobat, acquiesce, rechoosing, ordinary, downy

What is the word meaning the origin and historical development of a word?

etymology 4 etamine, family, demolish, metallurgy, anthology

What is the name of the instrument used for tuning pancakes, eggs, etc.?

spatula 4 spasmodic, matchbook, canopy, cannula, parabola

What word means native to a particular region?

indigenous 2 intimacy, indefinite, redigitize, philosophy, mucilaginous

What do you call a doctor who specializes in the treatment of children?

pediatrician 5 peanut, eudiometer, ladino, mortician, malnutrition

anachronism 4 analogize, aphasia, garrison, businessman, baptism

What do you call an animal which eats every kind of food?

omnivore 2 ombudsman, ominous, renegade, cinema, import

What is the name of the device that musicians use for keeping time?

metronome 2 metric, medicate, detriment, intradermal, rotenone

What do you call the desire to do evil, or for others to have ill fortune?

malevolence 4 mature, mechanic, eleven, pestilence, incandescence

What is the last name of the Romanian gymnast who scored 7 perfect 10's and won 3 gold medals at the 1976 Olympics?

Comaneci 2 colon, demanding, immediate, blotchy, mariachi

What do you call the flowing wire inside a light bulb?

filament 4 filibuster, apathetic, miracle, peppermint, parchment

anthrax 2 analyze, atom, enthrall, rethrow, backpacks

What is the proper name for a “tidal wave”?

tsunami 2 sooner, superb, hypnotic, gastronomy, enemy

What is the term meaning “at right angles to”?

perpendicular 5 permutation, appendage, addiction, granulate, insular

What is the name for a small perforated container with a handle used for sprinkling holy water in Christian services?

aspergillum 5 asterisk, superlative, flagellate, marjoram, eardrum

What is the last name of the actress who played Gloria on TV’s “All in the Family”?

Struthers 3 structural, brethren, mothy, hoarders, goblins

What is the name of a grotesque carved or sculpted figure projecting at the upper part of a building, usually from a roof gutter?

gargoyle 3 garlic, gasoline, harvest, embroil, recoil

What is a latticed arrangement of wood strips used in the garden for climbing plants?

trellis 5 treasure, tremolite, felony, olive, malice

What is the last name of the first signer of the Declaration of Independence?

Hancock 4 handle, happy, bandage, recall, roadblock

What is the word for a person who is unnecessarily anxious about his or her health?

hypochondriac 3 hyphenate, reposal, mitochondria, tawdriest, tamarack

What do you call a viewing toy for producing symmetrical designs through an arrangement of colored chips and mirrors?

kaleidoscope 4 collage, caboose, enlighten, baldachin, periscope

What is the last name of the woman who wrote Gone with the wind?

Mitchell 4 mitigate, midriff, riches, gamble, drive

What do you call the habit of repeated postponement?

procrastination 3 produce, incrassate, matador, emanating, saturation

hieroglyphics 3 hygiene, neurosis, ferocious, aglimmer, specifics

What word means the substitution of an inoffensive term for one considered offensive?

euphemism 5 eucalyptus, infidelity, confidant, pessimism, mannerism

What do you call a law that gives exclusive right of inheritance to the eldest son?

primogeniture 5 privateer, agenda, agronomy, literature, amateur

What do you call a question that is asked for effect with no answer expected?

rhetorical 3 reflective, reverse, tolerate, mythical, asthmatical

What is the last name of the author of the book “1984”?

Orwell 3 orpine, nervous, percent, inward, hotel

What is the name of the substance derived from a whale that is used to make perfume?

ambergris 4 americium, amatory, hamburger, reimbursement, pedigrees

What do you call a person who appeals to people’s prejudices, making false claims and promises in order to gain power?

demagogue 2 democratic, demolition, eloquent, irritable, polliwog

What do you call a prolonged inability to obtain adequate sleep?

insomnia 4 interim, incapable, ponytail, regalia, echolalia

What is the name of the unrhymed verse form of Japanese origin having three lines containing usually 5,7, and 5 syllables?

haiku 4 highlight, piracy, bacon, mercantile, menu

What do you call an officer who acts as a go-between for two armies?

liaison 4 linking, radiation, geometry, registry, artisan

What do you call the technical terminology or characteristic idiom of a special activity or group?

jargon 3 jamboree, farcical, conglomerate, begun, insurrection

What word means having a healthy reddish color?

ruddy 0 rupture, submerge, spider, scarcity, posse

What is the name for the science of coins?

numismatics 1 numerical, nuclear, immesurable, dramatically, classics

What do you call a brick-shaped bar of gold or other metal?

ingot 3 illiterate, anchor, legal, master, frigate

What word means uncorrupted by civilization or belonging to the earliest period or state?

pristine 1 proclivity, risky, mistaken, daintier, demean

What do you call the right to exercise legal authority or the territory over which authority is exercised?

jurisdiction 4 juvenile, ministry, indicative, elimination, transaction

What do you call the act of talking to oneself or a dramatic monologue that gives the illusion of being a series of unspoken reflections?

soliloquy 3 safari, silicious, inexplicable, chronology, colloquy

What is the word meaning the promises from God to humans?

covenant 4 coverlet, operative, saccharin, remnant, dominant

What do you call the unusually bright orange conical markers used on a road (as for directing traffic)?

pylon 1 purchase, lionize, fearless, fallen, discretion

What is the name of the Mediterranean island south of Turkey which is an independent republic and a member of the commonwealth?

Cyprus 2 sidle, scavenger, bisected, imprint, amorphous

What word means to deliberately misrepresent or slander, or to convey from one place to another?

traduce 2 treacle, brother, indict, profuse, embarrass

What do you call a person who designs, makes, or sells women's hats?

milliner 4 million, militant, habitation, operate, foreigner

What is the name of the man who removed the torn from the lion's paw in the story from Aesop's fables?

Androcles 2 ancestor, anadem, hydrazide, manganese, displease

What are the small, shelled animals which accumulate on the underside of a ship?

barnacle 2 barbarous, carnival, denigrate, ramshackle, semicircle

What do you call the infectious and usually fatal bacterial disease of animals, especially cattle and sheep?

anthrax 2 analyze, atom, enthrall, rethrow, backpacks

What is the term for something out of keeping with the times in which it exists?

anachronism 4 aphasia, analogize, garrison, businessman, baptism