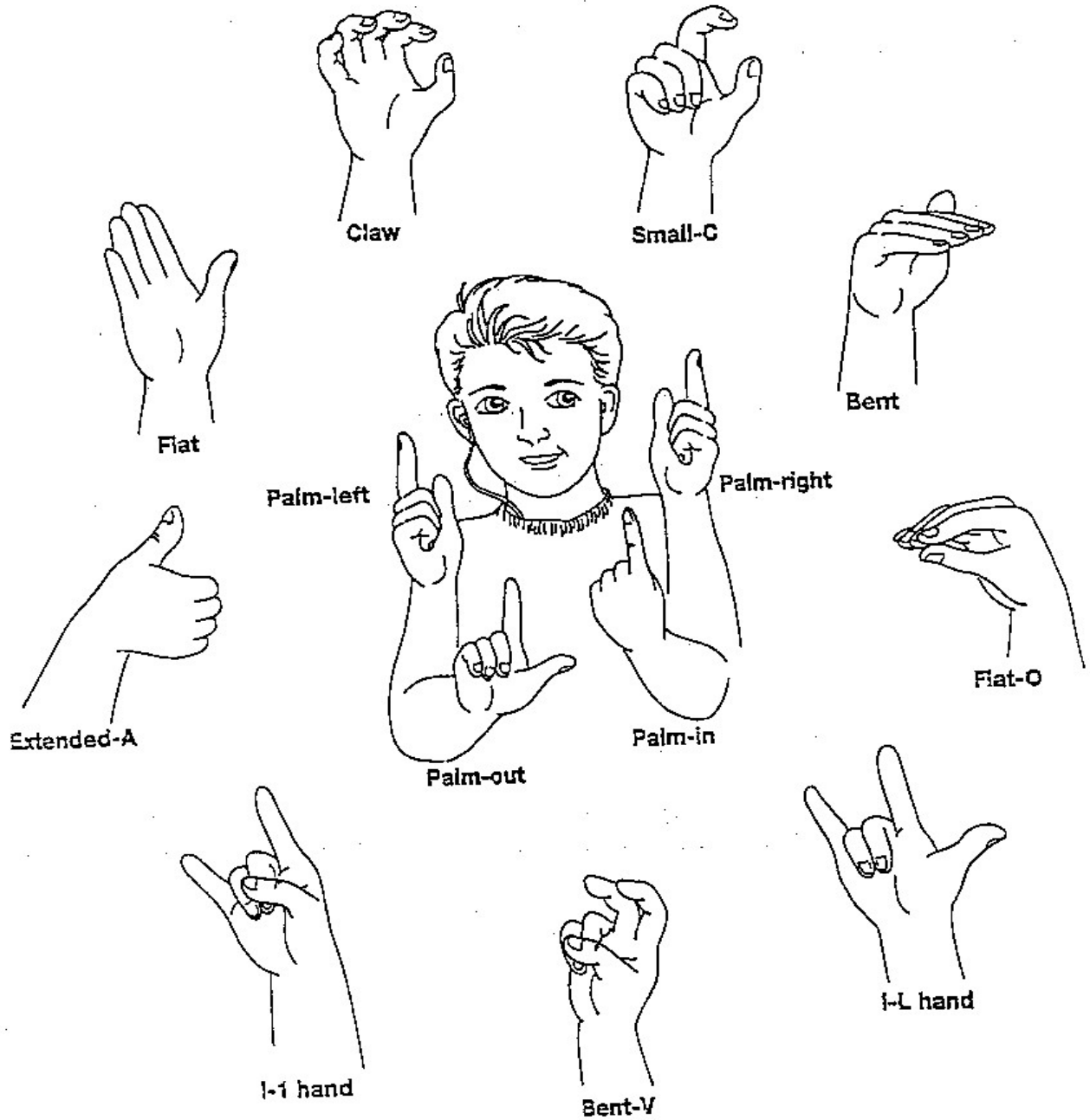


SEE Sign Database

Last Revision
September 5, 2003

Hand-Shapes



Keys to Handshape and Signs

RT: Right

LT: Left

U: Up

D: Down

I: In

O: Out

RtH: Right Hand

LtH: Left Hand

P-O: Palm out

P-I: Palm in

P-U: Palm up

P-D: Palm down

P-L: Palm left

P-R: Palm right

DBL: Double (repeat movement twice)

HDSHP: Handshape

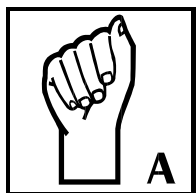
FTPS: Fingertips

Visual Features of Signed Languages

We can add meaning and concepts to English signing by utilizing features which naturally occur in sign languages around the world, including ASL, as well as in English with S.E.E. Please review and use these features to make the language come to life!

1. **Modification** - modifying a sign as a substitute for vocal inflection.
For example: walk, cry, talk
2. **Emphasis** - place emphasis on specific sign in the sentence.
For example: Do you expect *ME* to believe that?
Do you expect me to *BELIEVE* that?
Do *YOU* expect me to believe that?
3. **Placement** - where the sign is made in space.
For example: "bow" - in the hair, for a violin, tie
4. **Negation / Affirmation** - Shake your head, or show negation somehow.
5. **Sight-line / sightline in dialogue** - sign in the direction to which you refer.
For example: Look out the window, look at him, look at me.
Father: "What are you making?"
Child: "A mud pie."
6. **Placement of pronouns** - establish where they are in space.
7. **Directionality** - some verbs are made toward the receiver.
For example: show, teach, bring
8. **Duplication** - repeat to show plurality, habit, intensity.
For example: tree, shoe, book
9. **Question markers** - use of some form of question marker for emphasis.
For example: a question mark (?), freeze hands, eyebrows (up for yes/no, down for "wh" words.)
10. **Translation / Comparison** - Present English, supplement with traditional signs for possible added clarity.
For example: Your nose is running. (ASL: DRIPPY-NOSE)

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Abandon

P-D "A" flip up to a P-O "B" (see surrender p. 356)

Abdicate

"Quit" with RT "A" (p.294)

Abduct

P-D "A" pull back to "D" at shoulder ("kidnap" p. 206)

Abide

Obey" (p. 251) with "A"

Abiotic

(fsp)

Abnormal

"A-B" + "norm" + -al (p.248)

Abode

(fsp)

Abolish

RT "A" signs "subtract" (p. 353) + "away" (p. 35)

Abrasive

P-I "A" hands touching together and brush alternately back and forth

Abscissa

P-O RT "A" moves RT and changes to "X"

Absolute

Both indexes point forward at shoulder level and move down

Absorb

Claw hands P-O arc down turn in come together into flat "O"s.

Abstain

P-I RT claw at neck drops to P-O "A" (see restrain p.307)

Abundance

Both hand shape "A" face near each other, move out (see great-p. 167)

Accelerate

Fast end in "A" (page 140)

Accent

Draw a small check mark in the air with RT "A" hand

Access

"Enter" with RT "A" (p.128)

Accumulate

"Collect" with RT "A" hand (p.80)

Accurate

"Exact" with "A" HDSHP (p.131)

Acetyl CoA

(fsp)

Acid

(fsp) or LT P-O, RT "A" knuckles scratch down palm (eat away)

Acquire

P-D RT "A" moves RT to LT and ends up in P-U LT hand

Activate

RT "A" between left index and middle finger of 5-hand; twist RT hand

Actual

"Sure" with "A" changing to a "L" (p.356)

Ad-lib

"Act" with "A's" changing to "L's" (see act p. 17)

Addend

(fsp)

Addict

RT "X" hooks corner to mouth and pulls head to right

Adenine

(fsp)

Adenosien Triphosphate

(fsp)"A-T-P"

Adequate

"Enough" with a RT "A" (p. 127)

Adhere

Thumb of P-O RT "A" touches horizontal left palm ("adhesive" p. 17)

Adjacent

"By" with RT "A" (p.60)

Administer

Base sign "manage" with "A" hands P-D (pg. 225)

Adore

Clasp hands RT on LT, move toward body in slight vertical circle ("worship" p. 408)

Adultery

"Traitor" with T "A" (p.377)

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Advocate

Support side of LT "A" with top of RT P-I "A" ("support" p.355)

Aerobic

(fsp)

Agar

(fsp)

Agent

Bent RT "L", thumb toward ear, index at mouth (represent headset)

Agglutinate

P-O "C"s move together and join

Aggravate

Side of RT "G" chops into thumb base of P-I LT hand, repeat ("bother" p. 52)

Agony

"Hurt" with "G" (p.184)

Aladdin

A circles as it rises from LT flat palm

Alamo

A's outline Alamo

Aldehyde

(fsp)

Alien

"Strange" with "A" (p.350)

Align

"Line" with RT "A" + "L" (p. 216)

Alkali

(fsp)

Alkaline

(fsp)

Alkane

(fsp)

Alkene

(fsp)

Alkyne

(fsp)

Allele

Base sign "gene"; (pg. 159) "A" to "L" on P-Inky

Alliterate

RT "A" FTPS touch LT thumb, middle, and little FTPSs ("Rhyme" p.309)

Allocate

Split (p. 343) with "A; S" three times from Lt. to RT

Alloy

(fsp)

Almond

Thumb flips out from under teeth, add an "L" ("nut" p.250)

Aloud

A + "loud" (p.220)

Alpha

Trace caP-Ital "A" in the air with RT index finger

Altitude

"High" with P-O "A" (p. 178)

Alto

"Sing" with "A" (p.332)

Alveoli

(fsp)

Ambassador

"Represent" with RT "A" (p.306)

Amble

"Walk" with "A" (p.398)

Amide

(fsp)

Amine

(fsp)

Amino

(fsp)

Ammeter

RT P-O "A" at side of LT P-O "C" (no movement)

Ampere

(fsp)

Amphibian

RT "A" swims toward LT flat hand, RT "A" crawls onto LtH

Amphiprotic

(fsp)

Ample

"Plenty" with RT "A" move to 5 hand, fingers fluttering (p.277)

Amplify

"Increase" with RT "A" (p.190)

Amplitude

Both P-O "A"s start in the middle and move out, making a tall arch

**SEE Sign Database
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Analogy

"Parallel" with RT "A" (p.264)

Anarchy

Base "oppose" using "A" change to "Y" (p.256)

Angiosperm

"Bloom" with "A's" (p.49)

Anglo Saxon

P-D "A" moves to "S" ("person" p.271)

Animate

"As" - move up and down on side of face (like the ASL sign for expression)

Anion

(fsp)

Annex

(fsp)

Anode

(fsp)

Anoint

LT fist, RT "A" circles over back of fist

Antagonize

"Conflict" with "A" change to "T" (p.85)

Antennae

Both "F's" draw antennae from top of head

Antartica

"Continent" with "A" under left forearm

Antenna

RT "F" draws antenna from top of head

Anterior

"Front" with P-O "A" (p.153)

Anthem

"Music" with "A" (p. 240)

Anther

RT "G" changes to "A" ("stem" p.348)

Anthropod

(fsp)

Anti-Semitism

"Anti" (pg. 7) Jews (pg. 201)

Antibiotic

Palm down "A" changes to "B" on palm up left hand. See medicine (pg. 229)

Anticipate

"Expect" with "A" (p.133)

Antique

"Ancient" with "A's" to "Q's" (p.25)

Anus

Make a "F" and draw a small circle with index

Apartheid

"Discriminate" with RT "A" (p.112)

Apatosaurus

"Brontosaurus" with RT "A" (p.56)

Aphid

(fsp)

Apparatus

"Thing" with "A" (p.369)

Appeasement

Compromise with an "A" / See II Book (pg. 83)

Appendix

"List" with "A to X" (p.217)

Apportion

Split several times in a circle (p.343)

Apprehend

LT P-D fist, RT hand grabs LT wrist forcefully

Apprehensive

"Fear" with "A" change to "P" (p.141)

Aptitude

(fsp) or Crown word "expert" (Pg. 133) grasp side of "A" left hand, slide off forward into "A"

Aquatic

Ocean made with "A" to "Q" + "IC" ending (see Ocean pg. 253)

Aqueous

(fsp) "A-Q"

Arachnid

"Spider" with RT "A" (p.342)

Arbor

"Tree" with RT "A" (p.379)

Arc

RT "A" arcs up, LF to RT

Archeology

(fsp)

Archipelago

(fsp)

Arctic

"Continent" with "A" (p. 87)

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Aristocrat

"Christ" with RT "A" change to "R" at hip (p. 74)

Aroma

"Smell" with RT "A" (p.336)

Array

LT A-hand, palm out; RT A-hand, palm out with thumbs touching, RT A-hand moves horizontally to draw row and vertically to draw a column

Arthropod

"Insect" with RT "A" to "P" (p.192)

Articulate

P-I "A" circles mouth ("speech" p.341)

Artificial

"False" with "A" (p.139)

Asexual

(fsp)

Assimilate

A + "similar" + "ate" (p.331)

Astrodome

RT "A" arcs LT to RT ends in "D"

Astrology

(pg. 346) star with 2 "A's"

Astronomy

"Star" with "A" (p. 346)

Asymptotes

P-I left index points right; RT P-D "A" draws downward arc (left to right) on index

Atlas

P-D "A" arcs down and left brushing left P-L; repeat, as in "dictionary" (p. 109)

Atoll

(fsp)

Atrium

P-O "S" hand is tapped by other P-O "A" hand

Attorney

"Law" with RT "A" + "Y" ending (p.211)

Attribute

"Give" with "A's" moving out to "T's" (p.161)

Audit

"Check" with RT "A" (p.71)

authentic

"Honest" with RT "A" change to "U" (p.181)

Autograph

Pg. 331 based on "sign" done with an "A"

Autotrophic

Base sign make (pg. 224) "A" on top of "P"

Auxiliary

"Reserve" with RT "X" (p.306)

Aveolus

(fsp)

Awe

Claw hand P-I passes in front of chin

Awesome

Claw hand P-I moves back and forth several times in front of chin

Awestruck

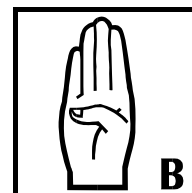
"Awe" (database) ends in fist at LT index (like strike p.351) + past tense marker

Axiom

"Rule" with RT "X" (p.314)

Axis

RT "A" draws a cross in the air



Badger

"Raccoon" with P-O "B's" (p.297)

Bait

"Tempt" with RT P0 "B" (p.366)

Balcony

"Deck" with two "B's" (p.102)

Bale

"Bundle" with Lt. index pointing up (p. 58)

Ballad

"Music" with "B" (p. 240)

Banish

"Force" with RT "B" (p.149)

Bargain

"Agree" with RT "B" (p.20)

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Baroque

RT P-O "B" in front moves to the RT and down

Barter

"Exchange" with P-I "B's" (p.132)

Bash

(fsp)

Basin

(fsp)

Bass (music)

P-I "B" drops slightly ("low" p. 221)

Baylor

P-O bent "5" like a claw

Beacon

"Siren" with "B" repeat once (p.332)

Beaker

RT P-I "B" shakes above LT P-U flat hand, changes to "C" on palm

Behold

RT "V" gazes at imaginary object on LF palm

Benign

"Quiet" with "B's", start at waist level (p.294)

Beverage

"Liquid" with "B" (p. 217)

Bias

"Favor" with LT "B" (p.141)

Bilingual

(fsp)

Binary

(fsp)

Binomial

RT "B" signs "name" (p.243)

Biochemistry

"Science" with "B's" to "C's" (p.321)

Biome

(fsp)

Biomolecules

(fsp)

Biosphere

Circle" with "B" to "S

Biotic

(fsp)

Bisect

RT "B" moves up to intersect LT P-D index

Bizarre

"Strange" with "B" (p.350)

Blab

(fsp)

Blacksmith

"Metal" with RT "B" and then again with "S" (p.231)

Bliss

"Happy" with "B's" (p.173)

Blizzard

"Storm" with B's" (p.349)

Bloat

"Swell" with "B's" (p.357)

Bluebonnet

"Bonnet" with "B" HDSHP wiggling (p. 51)

Bluff

"Tease" with "B's" (p.364)

Blunder

(fsp)

Blur

"Vague" with "B's" (p.389)

Bologna

"Baloney" with stationary LT "B" (p.39)

Bolt

RT small "C" twists imaginary nut on LF P-R index

Bond

"Join" with RT "B" (p.201)

Bonus

"Extra" using RT "B" HDSHP (p. 134)

Boom

"Loud" with "B:" (p.220)

Botany

Biology" (p.47) "B" change to "Y

Botulism

"Bacteria" with "B" to "L" (p.38)

Boundary

LT P-O "B", RT P-I "A" FTP of "I" touches side of "B", RT hand moves RT, making a line

Bout

"Fight" with "B's" (p.143)

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Boxer Rebellion

China with a "B" + rebel

Boycott

"Rebel" with "B" (p.301)

Brachiosaurus

"Brontosaurus" with "B" change to "R" (p.56)

Brackets

Draw brackets with index fingers []

Brahma

"Bull" with RT P-O "B" (p.58)

Brainstorm

"Storm" at forehead (small movement)

Brandish

(fsp)

Brew

"Stir" with "B" (p.348)

Broke (money)

Little finger of RT P-D hand chops at RT side of neck

Bronchial

(fsp)

Browse

"Look" change to "B" HDSHP (p. 219)

Buck

"Dollar" with LT "B" (p.115)

Buddha

Mime P-U "9's" out to sides

Buddy

"Friend" with bent "B's" (p.153)

Budget

"Money" with "B" (page 236)

Buffer

"B's" left behind right, both move forward, not touching (pg. 289)

Buffoon

Strange with palm out "B" (see Strange pg. 350)

Bullet

FTPSs of RT "B" move down and off index tip of P-R LT "L"

Bum

(fsp)

Buoy

"Float" with RT "B" (p.146)

Burrito

Enchilada with "B"'s (page 126)

Burro

"Stubborn" with RT "B" (p.351)

Burst

"Explode" with B's" (p.134)

Bushel

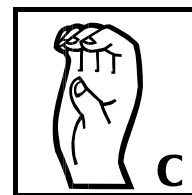
"Basket" with RT "B" change to "L" (p.41)

Byzantine

(fsp) "B-Z"

Caffeine

"Medicine" with RT C" (p.229)



Calibrate

C's face and arc out to make top of oval, change to "Y's" and bring together

Calipers

Small "C's" close carefully and deliberately against the edges of the left index finger as if measuring the thickness

Camouflage

Hide" (p.178) with "C"

Campaign

"Compete" with "C's" (p.82)

Cancel

(asl) tip of RT index finger makes an "X" on open palm of left hand

Cancer

C circles on palm, changes to flat "O", opens and spread up arm

Candidate

"Individual" with LT "C" and RT "D" (p.191)

Cape

(fsp)

Capillary

"Vein" with "C" (p.391)

Capitalism

(fsp) capital + "ISM"

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Capricorn

Equator with "C"

Carbohydrate

"Energy" with "C" (p.127)

Carbon

(fsp)

Carboxyl

(fsp)

Cardiac

(fsp)

Cardinal

"Main" with "C's" (p.224)

Carnivore

"Food" with "C" and "V" (p.148)

Caron dioxide

(fsp) "CO2"

Carrousel

FTPSs of RT "B" move down and off index tip of P-R LT "L"

Cartilage

(fsp)

Cartridge

Contain with RT "C" change to "T" (p.87)

Casual

Both 5 HDSHP's relaxed P-D, move LT-RT-LT in front of body

Catalyst

"Stimulus" with LT "C" (p.348)

Cater

"Serve" (pg. 326), palms up C's, move hands alternately to and from the body

Cathode

(fsp)

Cation

"Plus" + "ION" (p. 278)

Caudillo

Base sign leader with dominant hand a "C"

Cello

LT "C" is top of cello, RT "9" moves as a bow

Cellulose

"Honey" - Change "H" to "C" (pg. 180)

Cement

"Concrete" with "C" and then "T" (p.84)

Censor

"Critic" with RT "C" (p.94)

Centriole

Curved clawed "5's" tip of fingers touch and then pull apart diagonally.

Centroid

Base sign "Center" (pg. 68) "C" to "T"

Chalupa

Both "C's" outline shape of chalupa near chin

Char

"Burn" with LT "C" (p.58)

Charcoal

See Bornstein p. 85

Chaste

"Pure" with "C" (p.291)

Chauvinism

"C's" mime big head, lt C slightly in front

Cheetah

Leopard" (p.214) with "C"

Cheeto

"Chip" with "C" moving out, "T" moving in (p. 73)

Chef

"Cook" with RT "C" (p. 88) or (fsp)

Cherish

"Love" with "C's" (p.22)

Cherokee

C" on cheek moves up and change to "K" same sign as "Indian"

Chestnut

"Nut" with a "C" in front of mouth (p.250)

Cheyenne

"C" on cheek moves up and changes to "Y". Same sign as Indian

Chicken Pox

"Chicken" + (fsp) "P-Ox" (p.72)

Chinook

Wind with "C's"

Chlorophyll

Base sign "sun" (Pg. 354) "C" at head goes out to "P"

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Chloroplast

Base sign "change" with "C"
change to "P"

Cholesterol

(fsp) "C-H-L"

Choreograph

Draw a backwards "S" with RT "C"
on P-U LT hand

Chromatid

"Chromosome" with "C" then "T"
(DB)

Chromatin

Chromosome change to "N" (DB)

Chromosome

Both "C's" palms face each other,
RT "C" spirals RT

Chronic

Repeat with RT "C" heel hitting LT
palm (p.305)

Chronicle

"Story" with "C's" (p.349)

Chunk

"Lump" with "C" (p.221)

Churn

"Stir" with RT "C" (p.348)

Chute

"Slide" with RT "C" (p.335)

Cilantro

"Grow" with RT "C" changing to
"O" (p.169)

Cilia

RT "5" P-O, flutter and wave back
and forth

Cinema

"Movie" with "C" (p.239)

Circumcenter

"C" + "Center" (pg. 68)

Circumcise

Thumb of RT extended "A: mimes
cutting and removing thumbtip of
extended LT "A"

Circumference

Thumb of RT "C" outlines T palm
"C" in a circle

Cirrus

"Curl" with RT "C" (p.97)

Civic

(fsp)

Clamp

RT "C" clamps onto flat P-D

Clasp

"Fasten" with LT "C" (p.140)

Clerk

"Secretary" with RT "C" (p.323)

Click

Mime clicking with index finger
(computer)

Cliff

"Ledge" with RT "C" (p.213)

Cling

Left hand in "C" position facing
right, right fingers of "G" close on
to bottom of "C" as in "stick"

Clog

"Obstacle" with RT "C" (p.252)

Clone

(fsp)

Cobra

"Snake" with RT "C" (p.336)

Cocaine

Rub thumb of RT "C" on end of
nose

Cochlea

RT "C" taps behind and above RT
ear

Codon

LT 3 P-R, Rt index P-Oint to 3
hand.

Coefficient

"Multiply" with "C" HDSHP
changing to "F" (p.240) using both
"C" HDSHP first, "F" HDSHP
second

Colinear

CO + "line" + "R" (p.216)

Collaborate

Connect "F" hands and make a
semicircle LT to RT

Collide

"Accident" with "C's" (p.16)

Colloquialism

(fsp)

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Colon

Draw colon with index finger

Columbus

"Washington" with "C" (p.399)

Comanche

"C" on cheek moves up and changes to "N" (Indian see page 190)

Combustion

Knuckles of "A's" touch, the move apart and open to P-U claws + "ION"

Comet

RT "C" travels from LT to RT

Commend

C on chin then clap hands ("Praise" p.282)

Comment

"Story" with N's, small movement (p.349)

Comparison

"Compare" with "N's" (Page 82)

Complement

Supplement" (p.355) with "C

Compress

C + "Press" (p.284)

Concave

Both flat hands mime shape)(

Concert

"Music" with "C" to "T" (p. 240)

Conclude

"Complete" with "C" to "D" (p. 83)

Condescend

Start with RT index pointing under RT eye – then turn out P-D "V's", RT about LT, sharply pop down and up

Conduct

Both hands P-O "C" move side to side ("do" page 114)

Confer

"Discuss" RT "C" taps LT both moving small circular motion (p. 112)

Confine

Limit using "C's" (see Limit Pg. 216)

Congruent

RT "C" waves up and down, LT to RT in air (draw symbol)

Conic

(fsp) "CONIC"

Conifers

Cone" (pg. 85) +"er +"s

Conjecture

RT "C" from eye, moves under LT and up (Predict p.283)

Conjugate

Both "C's" face each other move slightly to the left becoming "J's"

Connotation

(fsp)

Consecutive

"Next" with RT "C" (p.247)

Consensus

"Agree" with "C's" (p.20)

Consequence

"Result" with RT "C" to "Q" (p.308)

Contangent

(fsp) "C-o-t"

Contemporary

New" (p.246) with little "C

Content

"Contain" + "T" (p.87)

Context

"Mean" use Rt letter "C" (p. 228)

Contingent

"Depend" with RT "C" (p.106)

Continuum

LT index tip out at LT side, RT index touches tip of LT and moves to RT

Contrapositive

(fsp)

Convection

"Current" with RT "V" (p.97)

Converge

P-I "C's" change to "V" and touch ("meet" p.229)

Convex

Both flat hands mime shape ()

Convey

"Relay" with "C" (p.304)

Convoy

(fsp)

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Coordinate

(Math) RT "C" thumb moves to Lt H index

Coordinate

Root sign "accompany" (pg. 16)
"C" with thumbs meet and then move "C" hands forward

Cope

(fsp)

Cop-Lanar

(fsp)

Corollary

(fsp)

Corporate

(fsp) "C-O-R-P"

Corral

"Stall" with "C's" to "I's" (p.345)

Cosecant

(fsp) "C-S-C"

Cosine

(fsp) "C-O-S"

Cosmos

"World" with "C's" ending in S's"
(p.407)

Cottage

See Bornstein p. 101

Coulomb

(fsp)

Covalent

"Atom" with RT "C" (p.32)

Coyote

"Bark" (p.40) from mouth, once upward

Cranium

"Head" with large "C's" at the side of the head (pg. 175)

Crater

Bowl with "C" HDSHP (pg. 52)

Crave

P-L RT "C" signs "hunger" with RT thumb against chest (p.184)

Crayfish

"Crab" with "C's" that open and close (p.92)

Crease

Alternative 2 "Fold" + R. hand
"Large C" slides from the heel of of the palm to the little FTPS (pg. 148)

Creature

"Animal" with "C's" (p.25)

Credible

Right "C" on right forehead; drops to clasp hands as in "believe" (p. 45)

Crescent

RT P-L small "C"

Crest

Top, pg. 375, with RT "C"

Critique

"Critic" with "C" to "Q" (p.94)

Crouch

RT stands on LT P-D, both hands move toward chin, shoulders shrug, RT bends to a crouch

Crucial

"Require" (p.306) with small "C" - thumb to palm

Cue

(fsp)

Cultivate

"P-Low" with RT "C" (p.278)

Cumin

RT "C" shakes Powder on back of LT P-D "S"

Cumulus

"Heap" with RT "C" (p.176)

Cuneiform

(fsp)

Cunning

"Smart" with "C" (p. 336)

Curd

"Sour" with RT "C" (p.34)

Cursive

Dominate hand small c with thumb of that hand writing in palm of non-dominate hand

Cytoplasm

LT "S", RT "C" above signs
"around" (p. 29)

Cytosine

(fsp)

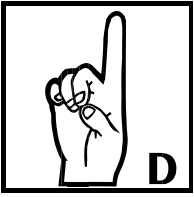
Cytoskeleton

"Bone" with "C" to "S" (p. 50)

Czar

"King" with "C" change to "Z"
(p.74) or (fsp)

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Data

"D" (p.192) on forehead opens as in "inform" (pg. 192)

Dazzle

"Glisten" with "D"s (p.162)

Debit

(fsp)

Decagon

(fsp)

Decay

"Collapse" initial with "D" falls to open claws down (p. 79)

Decease

"Die" (p.110) with both "D"
HDSHP's

Decelerate

LT P-D stationary, RT P-D hand mimes release of gas pedal

Deciduous

LT 5, RT "D" mimes leaf falling from P-Inky

Decimeter

(fsp) "D-C-M"

Decline

Opposite motion of "advance" (p.18)

Decompose

"Compose" (pg. 83) + "C's"
"Seperate" (pg. 325)

Deduct

Subtract with RT "D" (pg. 353)

Dekameter

(fsp) "D-K-M"

Delta

RT "D" draws triangle in the air

Demerit

"D" + minus (pg. 234)

Denotation

(fsp)

Dense

"Weight" with Rt H "D" (p. 401)

Deoxyribonucleic Acid (DNA)

(fsp) DNA

Deplore

Two "D's" at temple flick out (see awful p.36)

Derive

P-L & P-R "V"s, Pull back to bent "V"s

Dermis

"Skin" with LT "D" (p.333)

Descend

Alternating "D's" coming down from RT shoulder

Detergent

"Soap" with RT "D" (p.337)

Detest

P-U "D'S" + hate (p.175)

Devastate

Both hands P-I FTPSs touching to form a roof, FTPSs bend in, wriggle and collapse into P-I "A's" touching

Devise

"Invent" with RT "D" (p.196)

Dew

(fsp)

Dexterity

Crown word "Hand" RT "D-fingers" draw across back to LT. Hand and then "D-fingers" draw across back of RT Hand

Diagnose

"D's" FTPSs almost touching indexes separate while bending, repeat while moving downwards (see analyze) (pg. 108)

Dial

Clock (pg. 77) using "D" instead of index

Diaphragm

(fsp)

Diary

"Book" with "D's" (p.51)

Diatomic

(fsp)

Dicot

RT "D" against LtH P-R, change to RT "C"

Dictate

"Order" with two "D"S (p.256)

Diffuse

"Spread" with "D's" (p.344)

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Dike (fsp)	Disciple "Follow" with "D's" (p.148)	Dominant Base sign "strong" (pg. 351) with RT "D"
Dimension "measure": "Y's" tap thumbs and out to "D"s (pg. 229)	Discipline Punish" (p.291) with RT "D"	Donner (fsp)
Ding Dong "Cake" with RT "D", tap two times (p.62)	Disco Dance" (p. 100) using "D"	Doped Crystal (fsp) + See II Book (pg. 96)
Diode Both "D's" crossed at wrist, RT "D" wrist taps behind LT "D"	Disperse Scatter (pg. 320) with "D"s	Dorito "Chip" with RT "D" moving out, "T" moves back in (p.73)
Diploid Base sign "gene"; "D" RT H P-D bounces twice on P-Inky	Disposition "Character" with RT "D" (p.70)	Dormant Rest with D's" (see Rest Pg. 307)
Dipole (fsp)	Disrupt "Interrupt" with "d" shape hand (pg. 195)	Draft "Write" with RT "D" (p.409)
Directrix RT "D" curves up fro left to end down in "X" at right	Dissect pg. 24 based on "analyze" with palm down "D's" with index fingers wiggling	Dread "Scare" with "D" (p.320)
Disaccharide D" moves in circle to side of chin ending in "s	Distillation (fsp)	Dreidel RT "D" taps tops of L P-R fingers (see "top" pg. 375)
Disaster "Happen" with "D's" (p.173) Large movement rather than small repeated	Distinct "Specific" with RT "D" (p.341)	Dribble RT H P-D initial "D" faces down and bounces up and down. "bounce" (Page 52)
Disc "Record" (noun) with RT "D" (p.302)	Distress "Sad" with "D's" (p.317)	Drought "Dry" + "T" (p. 118)
Discard "Throw" (pg. 370), D-hand throws forward changes into 5-hand	Dividend "Profit" with "D" (p.287)	Due "Owe" with LT "D" (p.258)
Discern "Detect" without LT hand (P.107)	Document "Put" (p 292) in center of P-U LT hand + "Press" (p. 284)	Duel "Quarrel" with "D's" index Pointing up (p.294)
	Domain "Ground" with "D" + "N" (p.168)	Dumbo "Elephant" with "D" (p.125)

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Dune

"Hill" with "D" (p.178)

Dungeon

Palm in R 4 hits side of left "D" as in in "cage" (p. 62)

Dynamic

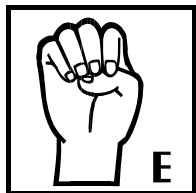
Base sign "change" (pg. 70) with rt P-D "D" + end in "C"

Dynamo

(fsp)

Dynasty

family" pg. 139 using "D" to "Y"



Eaglet

"Eagle" then eagle hand rests in LT P-U hand (p.121)

Eavesdrop

"Listen" with "E" (p.217)

Ebola

(fsp)

Eco

(fsp)

Eel

"Snake" with "E" (p.336)

Efficient

Direct (p. 111) with RT "E".

Electrocardiogram

(fsp)

Electro

(fsp)

Electrode

(fsp)

Electrolysis

(fsp)

Electrolyte

(fsp)

Electromagnetic

(fsp)

Electrostatic

(fsp)

Ellipse

Squashed "C's" face each other

Embrace

"Hug" with "E's" (p.183)

Emmigrate

Move" with "E's" (p.239)

Emu

"Ostrich" with "E" (p.257)

Enable

(fsp)

Enamel

"Cover" - initial "E" (p. 91)

Encounter

"Meet" with "E's" (p.229)

Endanger

(fsp)

Endocytosis

Base sign "in" with RT "E" (pg. 190)

Endoplasmic Reticulum

"Way" with "E's" changing to "R's" (p. 400)

Endorse

"Write" with "E" (p.409)

Endothermic

(fsp)

Enroll

"Join" with RT "E" (p.201)

Ensure

"Follow" with "E's" (p.148)

Enterprise

"Work" with RT "E" + "P" (p. 407)

Enthalphy

(fsp)

Entice

"Tempt" with "E" (p.366)

Entropy

(fsp)

Entwine

(fsp)

Enzymes

"Collapse" with "E's" (p.79)

Epidermis

(fsp)

Episode

"Happen" with "E's" (pg. 173)

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Equilateral

"Equal" (p.128) + "Lateral" ("Side" with RT L p. 330)

Equilateral triangle

"Triangle" with both "E's" (p.379)

Equilibrium

RT P-D "E" above LF P-D "E",
move back and forth towards each
other

Erode

Knuckles of RT "E" twist against
heel of LT "B"

Erotic

(fsp)

Errand

"Travel" with "E's" (p.379)

Erupt

"Volcano" with RT "E" (p.394)

Escarpment

Ledge" (pg. 213), using RT "E"

Esophagus

RT "E" slides from mouth to
stomach

EsP-lonage

Base sign "spy" (pg. 344) with an
"E"

Ester

(fsp)

Esterification

(fsp)

Estrogen

(fsp)

Estuary

(fsp)

Ether

(fsp)

Ethics

law" (pg. 211), with an "e"

Eukaryotes

Base sign cell (p. 68), circle with a
"e"

Eustacian tube

RT P-I "E" slides from ear to cheek

Evict

Kick" (p.206) with RT "E"

Exasperate

"Fierce" ending with "E" (p. 143)

Excreet

"Waste" with RT "E" (p.399)

Execute

"Act" with "E" (p.17) (unlike emote,
"E"s rotate down chest)

Executive

Boss (p. 51) with E.

Exempt

Exclude" (pg. 132) with "E"

Exhale

"Oxygen" with "E's" (but do
opposite movement for air flowing
out) (p.259)

Exile

"Apart" with RT "E" (p.26)

Exocytosis

Base sign "out" with "E" (pg. 258)

Exothermic

(fsp)

Expedite

"Hurry" with E's" (p.184)

Exponent

Rt palm out "E" twists to palm-in
"X" at shoulder level

Extemporary

RT P-I "E" on temple flips out and
forward

Exterior

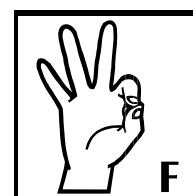
P-I RT "E", FTPSs down circles
horiz around LF horiz "C"

Extrapolate

Thumbs of extended "E's " touch,
then RT "E" arcs to the RT

Exuberant

Enthuse with "E's" (see Enthuse
pg. 128)



Facile

Ease (pg. 122) dominant hand "F"

Fajita

"Enchilada", with "F" (pg. 126)

Fallopian Tube

(fsp) and use "F" classifier to show
tubes

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Fare "Pay" with "F" handshape (pg. 267)	Filter "Drain" with "F" (p.116)	Flop RT "F" waves floppily
Feasible (fsp)	Finite "Limit" with "F's" (p.216)	floss F's mime flossing motion
Feces (fsp)	Fir "Pine" with RT "F" (p.275)	Fluent "Smooth" ends in "F"s (pg. 336)
Feline Leopard' (p.214) with "F's"	Fiscal "Finance" with "F" changing to "C" (p.144)	Fluffy Soft" page 338. "F"s closing to flat O's/repeat + "Y"
Fend (fsp)	Fission 5 hands make a ball and mime breaking in equal havls, ends in "5 claws" P-U	Fluorescent (fsp)
Ferment "Change" with "F's" (p.70)	Fjord (fsp)	Fluoride F moves around mouth
Fern "P-Lant" with "F" (p.277)	Flagellum Left "F", palm RT with RT Index finger touches tips of left "F" thumb and moves right in waving motion	Foci (fsp)
Fetch Get" p. 160, hands close to initial "F"	Flamingo LT flat P-U, RT P-I index finger touches center of left palm. Other fingers curled up to look like legs of flamingo.	Folio Book" (pg. 51) with "F's"
Fetus "Infant" with F's" (p.191)	Flask "Cup" with RT "F" (p.96)	Footnote LF P-O flat hand, RT FSP "FN" at base of palm
Fiance Engage" with "F" (p. 127) + "man" / Fiancee - "Engage" with "F" (pg. 127) + "woman"	Flauta Both "F's" touch and move apart horizontally	Forecast "Predict" with RT "F" (p.283)
Fidelity "Faith" with "F" (p.138)	Flea RT "F" jumps around on LT arm	Format "Arrange" with "F's" (p.29)
Fidget "Nervous" with "F" in jerky motions (p.246)	Flip P-D RT "F" changes to P-U RT "F"	Forum (fsp)
Filaments (fsp)		Foul "Bad" with "F" (p.38)
		Fowl "F" like bird

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Fraud

"Cheat" with RT "F" (p.71 - alt. 2)

Friction

RT P-D flat rubs across left extended index finger

Frito

chip" p.73 with intialized "F"

Fructose

"Honey" with "F" (pg. 181)

Fulcrum

Make a caP-Ital "T" with index fingers and rock top index

Fund

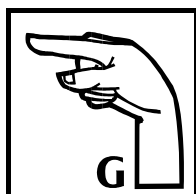
"Finance" (pg. 144) with "F" once on palm (not repeated)

Further

"Far" with RT "F", change to "R" (p.139)

Fusion

5 hands show halves to a ball going back together



Gag

(fsp)

Gal

"Girl" with RT "G" (p.161)

Gallant

"Brave" with G's" (p.54)

Galleon

"Ship" with RT "G" (p.328)

Gamete

Base sign gene (pg. 159) done with a "G" to "M"

Gamma

(fsp)

Garland

"Cord" with LT "G" (p.89)

Garlic

"Salt" with LT "G" (p. 318)

Gasp

"Breath" with "G's" (p. 54)

Gauge

RT index touches thumb of Lt. "G" and moves back and forth

Gauze

Bandage" (p.39) with RT "G"

Gay-Lussac

(fsp)

Gazelle

"Antelope" with "G's" (p.26)

Gear

"Wheel" with RT "G" (p.402)

Genocide

Base sign "kill" with an "G" then show spread out

Geology

"Science" with "G's" (p.321)

Germinate

"Bud" with "G's" (p.57)

Ghana

"Africa" end in a "G" (p.19)

Gingerbread

"Bread" with RT "G" (p. 54)

Girder

Support with left "G" (see Support pg. 355)

Gland

"G" touches neck

Gleam

"Candle" with nondominant hand "G" (p.63)

Glee

(fsp)

Glitter

"shine" page 328 - Rt HDSHP G

Glitz

(fsp)

Gloom

"Sad" with facing "G's" (p.317)

Glossary

"Dictionary" with "G" (p.109)

Glucose

"Honey" with "G" (p.181)

Glycerol

Base sign "molecule" (pg. 236) with a "G"

Glycolysis

(fsp)

Gnaw

chew" (pg. 72), right hand "g"

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Gnome

"Dwarf" with RT "G" (p.119)

Gnu

(fsp)

Golgi

"Build" with "G's" (p. 57)

GonorRtHea

"Shake" with "G" (p. 327)

Gordita

RT "G" moves in small circle at opening of LT P-R "C"

Gradate

G's draw up to "A's" with knuckles together (see blend p. 49)

Gravity

Lt flat hand P-D. Rt "G" moves straight down, index and thumb touch back of hand

Greatest common factor

(fsp) "G-C-F"

Greet

"Hello" with "G" (p.177)

Grid

LT P-R RT "G" draws cross on palm

Grimace

RT "G" at corner of mouth arcs downward (Note: facial expression)

Grinch

P-D "G's" Pull back to bend index (see selfish P. 324)

Grizzle

"Bear" with "G's" (p.43)

Gross Domestic Product (GP-D)

(fsp) "G" + "D" + "P"

Gross National Product

(fsp) "G-N-P"

Grudge

Resent" (p.306) with "G"

Gruesome

"Afraid" with "G's" (p. 19)

Guanine

(fsp)

Guerrillas

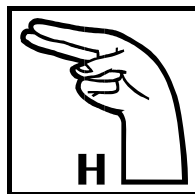
Base sign military with "G's" (pg. 232)

Gush

Flow with "G's" changing to 5 hands forcefully (see Flow Pg. 147)

Gymnosperm

"Bloom" with "G's" (p.49)



Habitat

"Home" with a H" + "T" 9p.181)

Haggle

"Negotiate" with RT "H" (p. 245)

Halogens

(fsp)

Hammock

P-U "H's", tips together, swing side to side

Haploid

Base sign "gene" with RT "H" tap once on P-Inky

Harrass

"Bother" with RT "H" (p.52)

Hasty

(fsp)

Haughty

"Arrogant" with RT "H" (p.30)

Hazard

"Harm" (p.174) with index + "Z" outward

Heave

"Throw" using "H" (p.370)

Hedgehog

"Porcupine" with RT "H" (p. 280)

Heir

"Generate" with P-U flat "O" HDSHP (p. 159)

Helix

P-O "L" rotates in and spirals down

Hemisphere

"Equator" with "H" (p. 129)

Hemo-

"Blood" with "H" (p.49)

Hemoglobin

(fsp) "H-G-B"

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Heptagon
(fsp)

Herbivore
"Food" with "H", then "V" (p. 148)

Hertz
(fsp) "H-Z"

Heterogeneous
(fsp)

Heterotrophs
Base sign (pg. 87) consumer with an "H"

Heterozygous
Base sign "differ" (pg. 110), with "H's"

Hexagon
(fsp)

Hey
"Hello" with "H", then "Y" (p.177)

Hibernate
"H" from forehead to chin P-I + comes down to rest under left P-D

Hindu
"Religion" with "H" (p.304)

Hive
Bee" (p.43) flies into "C"

Holocaust
Sideways "H" strokes chin down and changes to a "C"

Homeostasis
Base sign "balance" (pg. 38) P-D "H's" change to "S's"

Homestead
See II Book (pg. 181 and pg. 347)

Homologous
(fsp)

Homozygous
Base sign "same" (pg. 318) with "H's" Lf H P-D flat "H" RT H P-D "S"

Honk
Heel of curled RT claw mimes honking horn of steering wheel

Hormone
(fsp)

Horrid
"Horror" ends in "D's" (p.182)

Host
(fsp)

Huff
H" at mouth moves out to "F"

Hurl
Throw" (p.370) circle fist, ends in "H"

Hydrate
(fsp)

Hydrocarbon
(fsp)

Hydroelectric
"Electric" with LT "H" (p.124)

Hydrogen
(fsp)

Hydrogen Bomb
Sign "H" + bomb, bomb is signed with RT "S" under left palm and then drops and opens

Hydrosphere
Water + circle with RT "S"

Hygiene
"Clean" with "H" (p.76)

Hyper
"Exceed" with RT "H" (p.132)

Hyperbola
Math term - Both "H's", FTPSs forward, RT traces the pattern of the curve

Hyperbole
"exaggerate" with RT "H" (p. 131)

Hypertonic
(fsp)

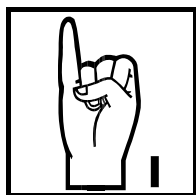
Hyphen
"Dash" with "H" (p.100)

Hypotenuse
RT "H" touches tip of LT "L" index and then thumb

Hypothalamus
(fsp)

Hypotonic
(fsp)

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Ideal
(fsp)

Igneous
"Rock" with RT "I" (p. 311)

Iguana
"Lizard" with "I" (page 218)

Immerse
Sink" (p.332) [alt 2] with "I

Immigrate
"Move" with "I's" (p.239)

Immisiable
(fsp)

Immune
"Guard" with "I's" (p.169)

Imperial
"King" with "I" (p.74)

Implant
"I" taps on implant site (behind ear, etc.)

Implement
"Do" with "I's" (bounce a little if you are talking about a tool) (p.114)

Impose
"Force" with RT "I" (p.149)

Impromptu
"Now" with P-U "I's" (p.249)

Improvise
(fsp)

Incarnate
"Body" with "I" (p.50)

Incentive
Motive (pg. 238*) with "I's"

Incline
"Ramp" with RT "I" (opposite motion) (p.299)

Income
"Earn" with RT "I" (p.122)

Incubate
LT hand like "baby", (p. 37) RT hand signs "cover" over it (p.91)

Index
"Dictionary" with "I" (p.109)

Induce
"Encourage" with "I's" (p. 126) (lone arcing motion rather than repeated as in incentive)

Induct
"Invite" with "I" (p.196)

Inductance
I's" cross, wrist of P-O RT "I" stikes wrist of P-O LT "I

Infer
"Decide" with "I's" (p.102)

Inference
(db) + "ence"

Inflame
Show inflammation by signing red then clasping area and moving away to indicate swelling point

Infrared
(fsp) "IR"

Inhale
"Oxygen" with "I's" (p.259)

Inn
(fsp)

Innate
"Born" with "I" (p.51)

Inorganic
"IN" (pg. 10) +"organ" (db) + "IC" (pg. 10)

Inquire
"Question" with "I" (p.294)

Insane
P-D RT "4" shakes horiz at RT side of forehead

Inscription
"Rt "I" write on left flat palm (see Write pg. 409)

Insight
ASL "look" looks into LT "C"

Insulate
"Cover" with RT "I" covering LT "S" (p.91)

Insulin
(fsp)

Inter
(fsp)

Intercept
(fsp)

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Interger

"Number" with "I's" (p.250)

Integrity

"Character" with "I" (p. 70)

Interior

RT "I", FTPSs down, circles inside
LT Horiz. "C"

Interject

"Add" with RT "I" (p. 17)

Intermission

Break" (p.54) with "I"

Internment

Jail with an "I" on dominant hand

Intersect

P-I "I's", hands come to center and
cross in front of body

Intervene

"Between" with RT "I" (p.46)

Intestine

"Stomach" with "I" (pg. 349)

Intimidate

"Danger" (pg. 100), back of right "I"
arches up, hitting back of left "s";
repeat

Inventory

RT "I" mimes making a check mark
list in LT palm

Inverse

invert" (pg. 196) P-D "V" changes
to P-U "S"

Invoice

P-U "I" moves forward

Ion

"Atom" with RT "I" (p.32)

Iran

LT hand P-U fingers closed, RT
thumb of P-O "A" hand with thumb
out taps palm of LT hand twice

Irrational

IR + See II Book (pg. 330) + "-AL"

Irving

RT P-O "I" shakes slightly

Islam

(fsp)

Isobar

"Line" with RT "I" (p.216)

Isomer

"Shape" with "I's" (p.327)

Isosceles

(db)

Isosceles triangle

"Triangle" with "I's" (p.379)

Isotope

"Base" with "I" + "T" (p.41)

Isotherm

"Thermometer" with RT "I" (p.368)

Isotonic

(fsp)

Isotopes

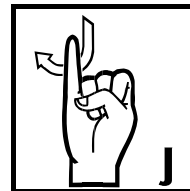
(db) + "s"

Isthmus

(fsp)

Italic

Flat hands face each other then
both slant to the right



Jagged

Crack with "I" (see Crack pg. 92)

Jaguar

Leopard" (p.214) with "J"

Jalapeño

RT "J" + RT flat hand fans mouth

Jargon

(fsp)

Javelina

P-Ig" (p.274) with "J"

Jaw

"Draw" "J" from chin to ear

Jazz

(fsp)

Jerk

"Pull" with "J's" (p.290)

Jiggle

Wiggle" (p.404) with "J"

Jockey

RT "V" mimes riding a horse

Jolly

"Happy" with J's", two hands
alternate (p.173)

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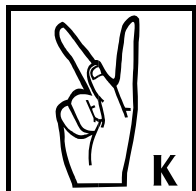
Joule
(fsp)

Junction
(fsp)

Jupiter
"Planet" -with "J" (p. 277)

Jury
P-I bent "4's" pinkies side by side,
move out to sides (people on a
panel)

Juxtapose
"J" + "near" (p. 244)



K-Mart
(fsp)

Kamikaze
Show a P-Lane going down with
an "K"

Kelvin
Temper" with "K"

Kennel
Cage" (page 62) with "K"

Kenya
RT "X" by shoulder LT "Y" under
RT Elbow shake twice slightly

Kerosene
"Gasoline" with "K" (p. 158)

Ketone
(fsp)

Kettle
See Bornstein page 206

Kidney
RT index touches kidney area then
RT "K" shakes side to side

Kiloliter
(fsp) "K-L"

Kilometer
(fsp) "K-M"

Kilo-
(fsp) "K"

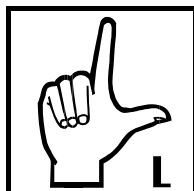
Kinetic
(fsp)

King Kong
Beat chest with "K"s

Kiwi
"Apple" with "W" (p.27)

Knight
"Soldier" with "K's" (pg. 339)

Knuckle
Right finger taps knuckle of left fist



Lab
(fsp)

Laboratory
"Science" with "L's" (p. 321)

Lambda
"G" traces capital "L" in the air

Laredo
P-O "L" moves forward

Larvae
(fsp)

Larynx
(fsp)

Laser
Thumb of RT "L" hand touches
and moves from LT. "L" hand

Lateral
"Side" with RT "L" (p. 330)

Lava
"Rock" with RT "L", let "L" slide off
back of hand (p. 311)

Least common factor
(fsp) "L-C-F"

Least common multiple
(fsp) "L-C-M"

Leningrad
"L" and "G" high up like north

Lever
"Falcum" from the database. Top
index "L" rocks L to R

Liabe
"Responsible" with "L's" (p. 307)

Lichen
"Algae" with RT "L" (p. 21)

Ligaments
(fsp)

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Linger

"Remain" (pg. 304) with 2 "L"s

Lipids

Rt P-D "L" rocks on P-U flat horizontal hand (like "fat")

Lithosphere

Circle" (pg. 75) with "L" to "S"

Litigate

"Balance" with "L" (p.38)

Llama

(fsp)

Locomotion

Base sign "move" (pg. 239) with Rt "L"

Loft

"Ceiling" with "L's" (p. 68)

Logarithm

(fsp) "L-O-G"

Longhorn

P-O "Y" at temple, move out and right

Looney Toons

"Cartoon" changing from "L" to "T" (p. 66)

Loyal

"Faith" with "L" (pg. 138)

Lubbock

Thumb of P-O RT "L" taps RT side of tempP-Le

Luminous

Light" (p.215) with "L's

Lure

"Tempt" with RT "L", RT thumbtip touches LT arm (p.366)

Lurk

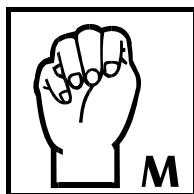
"Sneak" with "L" (p.337)

Luster

Shine" with "L"

Lymph nodes

"L" + "N" on side of neck



Ma'am

"Lady" with "M", move "M" from chin to chest (p. 209)

Macro

(fsp)

Macroscop-Ic

(fsp)

Magma

"Rock" with RT "M", taps and slide off LT. hand (p. 311)

Magnitude

Amount" with "M" + "G"

Maid

"Clean" with "M" (p.76)

Maize

(fsp)

Makeup

Both "M's" mime applying makup to sides of face

Mama

P-l "M" taps chin two times

Manatee

"Dolphin" with "M" (p.115)

Mandate

Law" (pg. 211) with "M"

Mango

"Apricot" with "M" (p. 28)

Manifest Destiny

Base sign mine with "M" and "D" on chest

Manilla

Pg. 362 based on "tan" done with a "M"

Manipulate

Manage" (Pg. 225), palm down "m"

Manor

(fsp)

Mantle

"Shelf" with "M" (p. 328)

Marathon

"Race" with "M's" facing each other (p. 297)

Marijuana

"9" to corner of mouth

Marine

"Ocean" with "M" (p. 253)

Maritime

(fsp)

Mars

"Planet" with "M" (p. 277)

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Marshall Plan

Plan with "M to P"

Marsupal

"Pocket" (p.278) with "M" on stomach

Mart

FSP

Mass

"Group" with "M's" (p. 169)

Massacre

Double sign: "murder" (p. 240) + "spread" (p. 344)

Matrix

(fsp)

McCarthyism

(fsp)

Mecca

(fsp)

Median

Flat LT P-U . Right "M", finger tips touches LT palm in center and "M" moves out forward

Medieval

"Dark" with "M's" (p. 100)

Megalopolis

Town (pg. 376) with "M's"

Meiosis

"Split" with "M's" (p. 343)

Membrane

LT P-D "S", RT P-D "M" circles perimeter of back of fist

Merchandise

"Sell" with "M's" (p. 324)

Merchant

"Market" (pg. 226) with "-ANT" ending

Mercury

"Planet" - M to Y (p. 277)

Meridian

"Longitude" with "M" (p. 219)

Merit

"Earn" with "M" (p. 122)

Mesa

Flat P-I LT draws shape of mesa (/ \)

Mesquite

Side of "M" taps RT side of forehead

Metabolism

Base sign "Energy" (pg. 127) - start with "M" to a "B" on arm

Metalloid

(fsp)

Metamorphosis

"Transform" (page 378)

Metaphor

"Compare" with "M's" (p. 82)

Meteor

"Star" with "M's" (p. 346)

Meteorology

"Science" with "M" (p. 321)

Metropolitan

Town with "M" Rt hand + (pg. 376)

Micro

(fsp)

Microfilament

(fsp)

Microtubule

(fsp)

Midland

RT "M" circles and touches back of flat P-D LT hand

Midpoint

Middle + point (pg. 232) + (pg. 278)

Midsegment

Middle + segment (pg. 233 + pg. 324)

Mild

Dbl "M" handshape like "quiet" pg. 294

Mildew

"Fungus" with "M" (p. 154)

Milli

(fsp)

Milligram

(fsp) "M-G"

Mime

"Act" with "M's" (p. 17)

Mingle

RT 4 Points down to top of LT. 4, circle around each other

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Miscellaneous
(fsp) "M-I-S-C"

Miscible
(fsp)

Misery
"Suffer" with "M" (p. 353)

Mistletoe
Kiss FTPSs then point up to the mistletoe

Mitochondrian
"Reserve" with "M" (p. 306)
alternate 2

Mitosis
Both "C's", cell separates and forms two balls with "O's"

Mock
"Ridicule" with "M" (p.310)

Mockingbird
"Bird" with "M"; repeat twice (page 47)

Mode
(fsp)

Modest
"Humble" with "M" (p. 183)

Molality
(fsp)

Molar
(fsp)

Molarity
(fsp)

Mole
(fsp)

Mole (mo'lay)
"Sauce" with "M" (p. 319)

Molest
"Bother" with RT "M" (p. 52)

Monarch
King" (p. 206) "M" change to "H"

Moneran
"Algae" with RT "M" (pg. 21)

Monitor
P-O "M"s, then "Stare" with both hands (p. 346)

Monk
Both "M's" FTPSs face each other at forehead and circle around (like monk's hood)

Monocot
Tap RT "M" against LT P-R flat hand, change to RT "C"

Mono hybrid
Crosses "M" slashes one way and "H" slashes the other way in a cross

Monomer
(fsp)

Monometer
(fsp)

Monomial
RT "M" signs "name" (p. 243) and bounces to the right once

Monopoly
"Single" with P-U "M" (p. 332)

Monosaccharides
(fsp Mono) + sugar (pg. 353)

Monounsaturated
(fsp)

Monsoon
"Storm" with "M" (p. 349)

Monument
"Statue" with "M's" (p. 347)

Mosaic
(fsp)

Moscow
"M" and "C" in the middle

Mount
LtH. P-R, RtH P-I "V" arcs over/straddles LtH. (get on a horse)

Muckraker
Open" (pg. 255) "M" changes to "R"

Mucus
(fsp)

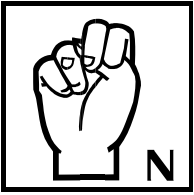
Muffle
"Shut" (pg. 330) with 2 "M's" at the mouth

Mugwumps
Base sign authority (pg. 34) with "M" to "W"

Mutate
"Change" with "M" changing to "U" (p. 70)

Muzzle
LtH. P-R flat "O", RtH. claw closes over Lt. FTPS

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Nacho
"Chip" with "N" pg. 73

Nanny
(fsp)

Navigate
"Way" with "N's" (p. 400)

Nazi
RT "N" on upper lip as in mustache

Nebulous
Both "N's" sign "cloud" (p. 77)

Nephron
(fsp)

Neptune
"Planet" with "N" (p. 277)

Network
F hands join and release 3 times
as they move LT to RT

Neurosis
"Think" with RT "N", then waves
down and away from forehead (p.
369)

Niche
(fsp)

Nicotine
"Tobacco" with "N" (p. 373)

Nigeria
Flat "N" moves in horizontally ,
side of index finger touches top of
lip near cheek

Nimble
"Fast" with "N" (p.140)

Nimbus
Cloud (pg. 77) "N"s change to "B"s
plus rain (pg. 298)

Nintendo
Palms facing each other "A's",
thumbs wiggle

Nitrate
(fsp) "N-O-3"

Nocturnal
"Night" with RT "N" (p. 247)

Noel
"Christmas" with "N" (p. 74 - alt 1)

Nomad
(fsp)

Nonagon
(fsp)

**North Atlantic Treaty
Organization (NATO)**
(fsp) "N-A-T-O"

Notice
"Note" with bent RT index (p. 249)

Notify
"Inform" with "N's" (p. 192) to open
hand -or- "Note (pg. 249) + "IFY"
(pg. 10)

Nourish
"Thirst" with "N" (p.369)

Novel
"Book" with "N's" (p. 51)

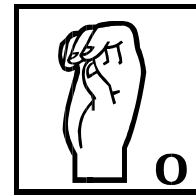
Nucleolus
RT "N" P-D makes tiny circle in
center of LT P-U hand flat

Nucleotide
(fsp)

Nuclide
(fsp)

Nugget
"P-lece" with "N" (p. 273)

Null
(fsp)



Oak
"Tree" with "O" (p. 379)

Oasis
(fsp)

Obelisk
Pyramid" (Bornstein page 295)
with "O"

Oblique
Vertical" with "O"

Obnoxious
"Disgust" with "O", (p. 112)

Obscene
(fsp)

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Obsess

"Think" (p. 369) + RT middle finger on back of P-D LT "S", circle forward like a ferris wheel

Obtuse

"Angle" with "O" (p. 25)

Oceanography

"Ocean" + "graph" + "Y" (p. 253 + p. 166)

Oceanology

"Science" with "O" (p. 321)

Octagon

(fsp)

Octagon

Left index up, right "O" draws other 7 sides

Octet

(fsp)

Odessa

Side of "O" taps back of P-D LT "S"

Omnivore

Food" (p.148) with "O" + P-D "V"

Onomatopoeia

"O" + "M" + "P" moving out from ear

Optimist

"Think" pg. 369 + "P-Lus", (pg. 278)

Optimum

"Perfect" with "O;s" (p. 270)

Ordinate

"O" to "X" moves RT

Oregano

"Salt" (p.318) with LT "O" (Note: placement)

Organ

"Live" page 217 with dbl "O' initials

Organelles

(fsp)

Orthocenter

"O" + "Center" (pg. 68)

Orthodox

"Church" with "O" (p. 74)

Oscilloscope

P-R LT "C", P-D Index draws zigzag line from "C" toward RT

Osmosis

"Through" with "O" (p. 370)

Ostea

"Bone" with "O" (p. 50)

Otology

"Audiology" with "O" p. 34

Otter

Seal" (pg.322) and initialize bottom base hand using "O"

Ovary

Both "O's" point to area

Ovule

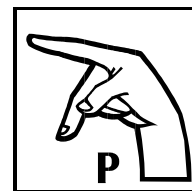
Egg" with "O"s

Oxide

"Oxygen" with "O" change to "D" (p. 259)

Oxidize

"Oxygen" + "-IZE" (p. 259)



Pacemaker

"P" + "M" in steady rhythm against heart

Pacify

"Satisfy" with "P"s (P. 319)

Packet

Envelope with "P" right hand (see Envelope Pg. 128)

Pact

(fsp)

Palette

Open LT palm thumb open, "P" outlines shape of board

Palm

Finger of RtH. moves across left palm

Panama

Thumbs up of both hands - palms toward body, middle and index finger touch together, wiggle in twice toward body

Pancreas

RtH. points to area then RT shakes "P"

Panhandle

Border" (pg 51) RT "P"

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Pantomime

Perform" (page 270); begin with letter "P" change to "M"

Parable

"Lesson" with "P" (p. 214)

Parabola

Both "P's" P-O together, move apart as they arc upward

Parallelogram

"Parallel" (pg. 264) plus "shape" with "G" pg. 327

Paralysis

"Ps" P-D change to sign for freeze (p. 152)

Paraphrase

"Change" with "P's" (p. 70)

Parody

"Copy" with "P" (pg. 89)

Parole

Both "V's" sign "Look" make small circles counterclockwise in tandem

Partridge

P-O "P" nods near chin

Pascal

(fsp)

Past participle

Palm of hand flips back toward shoulder + "P"

Past tense

Palm of hand flips back toward shoulder + "verb" with "T" (p. 391)

Pasteurize

"Heat" with "P" (p.176)

Patron

"Buy" (p. 59) with "P" + agent classifier (ASL)

Pavilion

"Garage" done with "P's" (pg. 158)

Pearls

Right "P" thumb tap, across Lt P-O flat ("sequins" pg. 325)

Peasant

"Poor" + agent classifier (ASL) (p. 280)

Pedigree

"Generate" with "P's" (pg. 159)

Peer

"Equal" with "p's, middle FTPSs touch (p. 128)

Pelt

(fsp)

Pelvis

FTPSs of P-U flat hands tap pelvis bones

Pendant

"Suspend" (p.356) with LT "P" (Note: placement)

Peninsula

RT "P" outlines thumb of LtH. P-D with thumb extended

Pentagon

Draw pentagon with RT "P"

Pepperoni

"Wiener" with LT. "P" (p. 404)

Pepsi

RT "I" draws cross in front of RT eye

Peptide

(fsp)

Per Capita Income

P + "C" + "I" (fsp) each word, then initialize

Percussion

"Drum" using 'P' (p. 118)

Perennial

"Always" with "P" (upside-down "K") (p. 23)

Perfect Square Trinomial

(fsp) "P-S-T"

Peril

"Danger" with RT "P" (p. 100)

Perjury

Sign lie with "P"

Permeate

"Through" with "P" (p. 370)

Persevere

"Patient" with RT "P" (p. 267) + "Persist" (p. 271)

Personnel

"Member" with "P's" (p. 230)

Pessimist

"Think", (pg. 369) + "minus", (pg. 234)

Petition

Request (p. 306) with "P's"

Petrify

Side of RT "P" sets on flat open LT P-U ("Solid" p. 339)

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pH (fsp)	Pillar "Column" (p.80) with 2 "C"s indicating larger structure	Platen Both "C"s" P-D touching, then move apart
Pharmacy (fsp) "R-X"	Pistil RT "P" at bottom of Lth. move up changes to "T"	Platform Palm down "P"s, hands start together; separate out and come down, drawing a platform
Pharynx Middle finger of RT "P" slides down throat	Pita "Bread" with "P" (p.54)	Pleasant Please" (p. 277) + "-ant
Phase "Hour" with "P" changing to "S" (p. 183)	Placid "Quiet", (pg. 294) "P" hands cross under chin and separate downwards into "D"s.	Plot (fsp)
Phenotype "Face with "P" (pg.137) +"type" (pg. 383)	Plane (fsp)	Plumber "Mechanic" with "P"s (p. 229)
Phloem LT "O" P-R "P", angles down to touch "O" hand	Plank "Board" (pg. 50), P-D right "P" on back of left hand moves left along arm to "L" on elbow	Pluto Planet" page 277 "P" to "O
Phospholipid LT P-U flat hand; RT Hand "P" rock to "L"	Plantation "Farm" with "P" (p. 140)	Poinsettia "Flower" with "P" + "A" (p. 147)
Photolysis Sun" (pg. 354) + "separate" (pg. 325) "P" to "S	Plasma "Blood" with "P" (p.49)	Polka dot With a fist, make letter "O" using index and thumb, then P-Lace dots all over chest
Photon (fsp)	Plasmolysis P-I open 5's move in to "C's" one hand over the other	Poll (fsp)
Photosynthesis "Photo" (P. 272) and "synthesis" (DB)	Plastid "Save" with "S" and change to "D" (pg. 320)	Pollen "Dust" with "P" (p. 119)
P-I (fsp)	Plastids LT P-R small "C", right "P" slides from tip of thumb inward to "C" (see DB vacuole)	Polyatomic Ion (fsp) + (db)
Pictionary "Photo" (p. 272) + "Dictionary" with "P" (p. 109)	Platelet Blood" with "P" + "T	Polygon LT. index up, RT "P" draws other sides

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Polymer

"Chain" (pg. 69) "M" grabs the top of the "P" and pulls the left - alternates as in chain

Polymerization
(fsp)

Polynomial

RT "P" signs "name", (pg. 243) then bounces to RT 3 times

Polyrotic
(fsp)

Polysaccharide
(fsp)

Pore

"P" hand makes small circles on arm

Port Aruthur
(fsp) "P-A"

Portfolio

Fold" (pg. 148) initialized with alternate 2, PT "P" 2 twists to "F"

Portugal

"P's" (like "Spain") start from shoulders and come together in front of chest

Positron
(fsp)

Possess

Own" (pg. 258) with dominant hand "P"

Postulate

"Suppose" with RT "P" (p. 355)

Posture

RT "P" signs "sit", then RT "P" moves straight up (p. 332)

Potential

"Able" with "P's" (p. 15)

PPM
(fsp)

Prairie

"Ground" with "P", gently rolls away from side of arm (p. 168)

Prance

Parallel "P's" bounce away from body

Preamble

"Introduce" with "P's" (pg. 195)

Predator

P-D index fingers, RT hand near RT eye, LT hand extended (rifle-hunting Prey)

Premium

"Increase" with "P" (p. 190)

Preposition

RT P-D "P" draws a horizontal line (LT to RT)

Prey

"X's" P-D run away to left, look back over RT shoulder (as if being chased)

Prick

"Thorn" with RT "P" (p. 369)

Primata

"Ape" with "P's" (p. 26)

Prism

LT P-O "L", RT P-O "P", passes through LT "L"

Privilege

"Enjoy" with a "P's" (p. 127)

Probation

"Warn" with RT "P" (p. 399)

Probe

"Analyze" with "P's" (p. 24)

Proficient

"Expert" with LT "P" (p. 133)

Prokaryotes

Base sign "cell" (pg. 68) with "P"

Prompt

RT 5 hand closes on LtH. P-U flat hand, then opens out

Propose

RT "P" at mouth, than "suggest" with both "P's" (p. 354)

Prospect

"Possible" with "P" change to "T" (p.281)

Prosper

Base sign "success" + (pg. 353) with "P's"

Protagonist

"Character" with "P" + "T" (p. 70)

Protein

RtH. "P" draws a small circle

Protest

"Rebel" with "P" (p. 301)

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Protist

Algae" (pg. 21), reP-Lace with right "P" + "T"

Protozoa

Sign Protist and end with "A"

Protractor

RT "P" touches thumb than index of LtH. P-I "L"

Province

"Place" with "P" to "V" (p. 276)

Pseudonym

"False" (fsp) with "P" + name (p. 139)

Psyche

RT "P" on RT side of forehead moves out to "E"

Psychophysical

Mid finger RT "P" touches side of forehead + "physical" (p. 272)

Puberty

"Change" (pg. 70) both hands "p"s across body

Pulley

"A" palm down, RT "A" mimes pulling down to lift LT "A" up horizontally

Pulmonary

"Breath" with "P's" (p. 54)

Purine

(fsp)

Pygmy

"Dwarf" with "P" (p. 119)

Pyrimidine

(fsp)

Psychosis

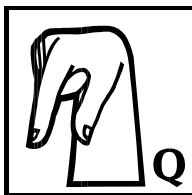
"Think" with "P" (p. 369)

Pythagorean Theorem

Idea" with "P" + "T"

Python

"Snake" with "P" (p. 336)



Quadrant

RT "Q" P-O moves down then right

Quadratic

(fsp)

Quadrilateral

Square" (page 344) with "Q's

Quail

(fsp)

Quantum

Equal" (p.128), with "U's", RT "U" arcs out and up, ending above LT "U"

Quatrain

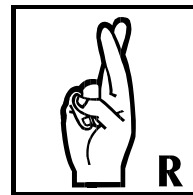
LT P-I "4" Rt "4" P-LT brushes across LtH (as in 2nds half of sign for "graph" - p.166)

Questionnaire

"Question" (p.294) + "paper" (p. 263)

Quilt

See Bornstein (pg. 296)



Radia

Point to forearm, with RT "R"

Radian

Radius" (p. 298) + "N"

Radiate

LT P-D RT "R" moves forward and up in wavy motion from LT

Radical

RT "R" touches forehead then sharply turns out Alt. 2

Radical

Math term - RT "R" draws square root symbol Alt. 2

Radioactivity

(fsp)

Ramparts

Wall" (p. 398) with both hands "R"

Random

Vary" (p. 390) with both hand "R"

Ratify

Accept" (p. 16) with both hand "R"

Ratio

RtH "R", make 2 dots like a colon mark in the air -shoulder height

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Rational
(fsp)

Reagent

RT "R" P-U lifts and Pours into LT
P-R flat "C"

Recede

LT "R" at angle, P-O. RT "R" slight
angle behind LT "R", RT "R" takes
one step backward

Receipt

"Receive" (p. 301) - ends in both
hands "T" at chest

Recessive

"Weak" with a right "R" (pg. 400)

Reciprocal

"Invert" with RT "R" (P. 196)

Reciprocate

Reciprocal" (DB) P-Lus "-ate

Recite

Rt "R" moves to and from lips

Recreation

"Fun" with R's" (p. 154)

Refract

"Through" with RT "R" moves
down after going through fingers
(p. 370)

Refrain

Guard" (p. 169) with "R's

Refuge

LT P-D Rt "R" moves in between
index and middle finger of LtH
(opposite direction of "escape" p.
129)

Refund

"Re-" + "fund" (DB)

Regard

Consider" (p. 86) both hands "R

Relinquish

"Surrender" with R's (p. 356)

Reluctant

Resist", pg. 307, with "R

REM

(fsp)

Remark

"Say" with RT "R" (p. 320)

Renaissance

Hour" (p. 183) with RtH "R

Renovate

"Improve" with RT "R" (p. 190)

Reparations

"R" + "Pay" (pg. 267)

Repeal

Cancel" (p. 63) with RT "R

Replicate

Copy" (p. 89) with RT "R

Reprimand

Punish" (p. 291) with RT "R

Repulse

Oppose" (p. 256) with "R's

Resolve

"Decide", pg. 102, palm-in right
index on forehead, then both "R"
hand jerk slightly down

Resonant

RtH moves in a wave pattern away
from Rt ear

ResP-Ire

Breath" (p. 54) with both hands "R

Respond

"Answer" with both "R"s to "D"s (p.
26)

Response

"Answer" with both "R"s to "S"s (p.
26)

Restore

"Fix"(p. 145) using "R" initial on
right hand

Restrict

Limit" (p. 216) with both hands "R

Resumé

"List" p. 217 using "R" initial

Retain

"Hold" (p. 180) with LT "R" HDSHP

Retaliate

(fsp)

Retinitis Pigmentosa

(fsp) "RP"

Revenue

Money" (p. 236) with RT P-U "R

Reverberate

Bell"(pg. 45) RT "R

Revoke

"Critic" with RT "R" (p. 94)

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Revolution

Revolt" (p. 309) + "ion

RtHombus

"Room" vertically, with sides slanting slightly (P. 312)

Rib

RT "R" draws along one of your ribs (left to right)

Ribonucleic acid

(fsp) "RNA"

Ribose

Sugar" (p. 353) with RT "R

Ribosomes

R's dot the air

Riggle

Wiggle" (p.404) "W" change to "R

Ripple

"Infect" with RT "R" (p. 191)

Rugged

(fsp)

Rumba

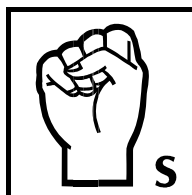
"Dance" with "R" (pg. 100)

Rural

Country" initial "R

Rustle

RtH "R" at ear moves out shaking slightly



Saga

(fsp)

Sake

Benefit" (p. 45) with RtH "S

Salamander

Lizard" (pg. 218) with "S

Salary

"Earn" P-Lus RT "S" signs "Money" (p. 122 + p. 236)

Salmonella

Bacteria" (p. 38) with RT "S" change to "L

Salsa

Soup" (p. 340) with RT "S

San Antonio

FTPSs of P-L "G" tap corner of mouth

San Marcos

(fsp) "S-M" on flat "P" P-I right

Sass

(fsp)

Satire

Sarcasm" (p. 319) using "S

Saturate

(fsp)

Saturn

P-Lanet"(page 277) Rt "S

Saunter

Walk with "S's" (see Walk pg. 398)

Saxophone

"Trumpet" (p.381) LT "S", RT shapes body of sax

Scalene triangle

Triangle" (p. 379) with both hands "S

Scan

(fsp)

Scapegoat

Blame" (p. 48) RT "S" change to "G

Scar

RT bent index, draw scar in scar location (or back of hand)

Scent

"Smell" with P-I "S" (p. 336)

Scholarship

"Money" with RT "S" P-U

Scope

Wide with "S's" (see Wide pg. 404)

Scrap

Piece" (p. 273), with RT "S

Scribe

(fsp)

Secede

Quit" (p. 294) with RtH "S

Sediment

Settle" (p. 326), but drop to P-D "D

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Seep
(fsp)

Semi
"Some" using "S" (pg. 339)

Seize
Obtain" (p.252) with RT "S

Semicolon
Draw semicolon (;) with index
finger

Semiconductor
(pg. 84) + "or"

Sentinel
Sentry" (database) + "L

Sentry
Guard" (p. 169) with both hands P-
O "S

Sepal
Bornstein's petal (p. 275) with LtH
"S"

Sequel
Story" (pg. 349) with non-dominant
hand "S

Serf
"Slave" (p. 334) with "S" changing
to "F"'s

Sever
P-IRTchops forearm of P-D
horizontal "S"

Severe
Deep" (p. 103) with RtH "S

Shaft
"Pole" with RT P-O "S" (p. 279)

Shag
Fur" (p. 155) with Rt "S

Shed
House" (p. 183) with both hands
"S" changing to "D

Shift
Change" (p. 70) with both hands
"S

Shrill
Point to ear then "S" hand shakes
up

Shrub
Bush" (p. 59) with RtH "S

Siege
Surround" (p. 356) with Rt "S

Sigma
Draw sigma in air with RtH index
(the sigma sign is like a sideways
"W" - looks like an "E")

Signify
Important" (p.189) with "S

SiLhouette
Profile" (p. 287) with RT "S

Silk
Cord" (p. 89) using LT "S

Simile
Compare" (p. 82) with both hands
"S

Sincere
"True" (page 381) initizlized "S"
moves forward.

Sinister
Bad", (pg. 38), RT "S

Sinusoidal
RT "S" gainst LT P-L hand, RT "S"
moves away in a wave

Sioux
"S" on cheek moves up and
changes to "Y". Same sign as
Indian (pg. 190)

Skew
"Line" (pg. 216) uing "S" on
dominant hand

Skew lines
"Line" (p. 216) start with RtH "S",
change to "L" as hand moves to
RT

Skim
"Read" RT "V" hand perpendicular
to LT P-I moves across palm twice

Slant
"Lean" (p. 212) RT "S" moving arm
and elbow to horizontal

Slash
(fsp)

Slay
"Kill" with RT "S" (p. 206)

Sleet
"Hail" with RT "S" (p. 171)

Sling-shot
LTP left "V", right hand, P-O flat
"O" pulls back from "V" and opens
to 5-hand ("lets go")

Slumber
Nap" (p. 244) with Rt "S

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Smash

"Crush" (p. 95) with RT "S" knuckles twisting forcefully into LT P-L "5" hand

Smear

"Spread" (p. 344) with "S" changing to "M" and circling outward

Snicker

"Laugh" with "S"s (p. 211)

Snickers

(fsp) (Proper name)

Snide

(fsp)

Snorkel

"G's" come out from mouth outlining shape of tube

Snout

RT index pushes nose up

Snub

Ignore" (p. 188) with Rt "S

Soar

"Glide" (p. 162) with Rt "S" - moving forward and upward

Sober

P RT "B" at middle of face (nose level) - moves straight out

Solemn

RT "S", index finger on chin, twist once

Solute

(fsp)

Solvation

(fsp)

Sonnet

"Poem" (pg. 278) using "S" to "T".

Soothe

Satisfy" (p. 319) with both hands "S

Soprano

Sing" (p. 332) with Rt "S

Sorcerer

Witch" (p.406) with LT "S

Sorrow

"Sorry" "A" change to "W" (p. 340)

Sovereign

King (p. 206) with "S"s

Spain

Index finger crosses over to opposite of chest, touches chest and twists to an "X" resting on chest

Spangle

Small claw hands dot the air

Spare

Extra" (pg. 134), P-O right "S

Species

Kind" (p. 206) with both hands "S

Spectacle

Glass" (p. 162) with Rt "S

Spectator

"See" (p. 323) both hands P-O V's from eyes: LT in front of RT "or" ending (p. 12)

Spectrum

LT P-R "5" hand – RT P-L "1" hand moves across FTPSs of LT

Sperm

Dominant index wiggles "left to right alternating" "I" and "X" (see worm pg. 407)

Sphere

P-U LT claw with P-D claw above it, flip and twist to show shape

Spiral

P-O "S" rotates in and spirals down

Splendid

"Terrific" (p. 366), with "S" handshape out to flat palms forward

Spoke

LT P 5 , RT index P circles, outlining tire

Spontaneous

(fsp)

Spore

Algae" (p. 21) with Rt "S

Sprout

"Grow" (p. 169) modified by only extending Rt FTPSs

Spruce

Tree" (p. 379) with Rt "S" change to "P

Spur

Heel" (p. 176) with Rt "S

Squat

"Stand" (p. 346) changes almost to "Kneel" (p. 207)

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St. Nicklaus

(fsp) "S-T" + "Santa Claus" (p. 319) with "N"s

St. Petersburg

(fsp) "ST" + "PB"

Stalingrad

"S" and "G" down like south

Stalk

Plant" (p. 277) with Rt "S

Stamen

LT P "1" (index finger) : Heel of Rt "S" circles on top of LT index

Stampede

"Gallop" with claw hands (p. 157)

Standpatter

Base sign same with "S" to "P" (pg. 318)

Starch

"Energy" (pg. 127) - start with "S" to an "H" on arm

Static

(fsp)

Stereotype

"Discriminate" with "S" (p. 112)

Sterile

(fsp)

Stern

"Harsh" with "S" (pg. 174)

Steroid

(fsp)

Sterol

(fsp)

Stoichiometry

(fsp)

Stoma

(fsp)

STP

(fsp)

Strain

Try" (p. 381) with both hands "S

Strait

Brook" (pg. 56) "S" changes to "T

Strand

Right "S" horizontally off of left S ("string" - pg. 351)

Strap

"Belt" (p. 45) with RT "S"s

Strategy

Plan" (p. 276) with both hands "S

Stratus

Layer" (p. 212) with Rt "S

Stride

"Step" (p.348) with large step

Strut

"Waddle" (p. 397) with Rt "S" (while standing up proudly)

Studio

"Room" (p. 312) with "S" P-O changing to "O"s

Stumble

RT P-D "K" trips over LT P-D "S"

Sublimation

(fsp)

Submit

S" like "Yield

Subordinate

Two index fingers facing P-I, dominant index moves underneath the other

Subsequent

After" (p. 19) with Rt "S

Suburb

Town" (pg. 376) with RT "S

Sucrose

Honey" (p. 181) with Rt "S

Suction

P-D 5 moves up and closes to P-O "O"

Suffice

"Enough" with RT "S" (P. 127)

Supreme

Super" (p. 355) with Rt "S" change to "P

Surf

Tide" (pg. 371), with P-D "S

Surly

"Grouch" with RT "S" (p. 168)

Survey

Both hands make question marks 3 times as they move from Lt to RT

Suttee

(fsp)

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Swamp

Lake" (page 210) with "S

Swirl

"S" + "whirl" (p.403)

Switzerland

RT "C" P-I touches chest and makes a cross on the chest; across then down

Symbiosis

"Depend" signed twice, alternate hands (p. 106)

Symmetry

Both P-D "Y" hands moves in a circular motion

Synthesis

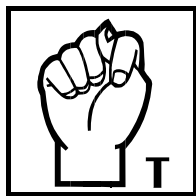
Both claw hands P-I come together ("with", p. 406), then "A" hands twist at wrist (somewhat like the sign for change)

Synthetic

(fsp)

Syphillis

P-O "S" shakes side to side



Tablet

Calendar" (p. 62) with Rt "T

Talon

"T" comes off of LT claw (drawing it in the air)

Tampon

See Bornstein, p. 364

Tandem

Follow" (p.148) with bent P-D "V's

Tangent

(fsp)

Tangible

Both middle fingers pretend to touch several things in front of you

Tangle

Knot" (p. 207) with "T

Tariff

Cost" (p. 90) Rt "T" ending in "F

Tassle

Flat "O", fingers spread slightly, dangles from tassle location

Tater tot

"Potato" with "T" bounce twice in back of fist. (pg. 282)

Tattoo

RT index jabs outside upper LT arm repeatedly

Taunt

"Tease" with "T"s (p. 364)

Taxonomy

Class" (p. 76) With both hands "X

Tenant

LtH P-O "1" RT "T" Moves top to bottom of LT "1" repeatedly, both move forward

Tender

"T" P-I then sign "Soft" (p. 338)

Tendon

Muscle" (p. 240) with Rt "T

Tenor

"Sing" with "T" (p. 332)

Tense

"Verb" with "T" (p. 391) Alt 1; (fsp) Alt 2

Terminate

"Finish" end in "T" (p. 144)

Terminology

Word" (p. 407) - Rt "T

Tessellation

(fsp)

Testes

(ASL) (fsp) and use ASL sign for balls P-D claw hands lightly jiggle

Testimony

Testify" (p. 367) + "N" + "Y

Tether

"Ts" circle at RT side of neck (as in tying a knot), RT "T" moves out from side of neck & stops abruptly

Tetrahelme

(fsp)

Text

Book" (p. 51) with both hands "T

Theorem

"Theory" + "M" (p. 368)

Thermochemistry

(fsp thermo) + See II Book (pg. 71)

Thermo

Heat" (pg. 176) with "T

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Thermostat

LT index P-I, RT index faces touching knuckles + mimes a gauge (db)

Thesaurus

Dictionary" (pg. 109) with RT "T

Theta

Rt "T" traces symbol in air ("O" shape with small horizontal line in middle)

Thorax

Chest" (p. 72) with Rt "T

Three Dimensional

"3-D" (fsp)

Thrombocyte

Blood" (p. 49) with Rt "T

Thymine

(fsp)

Tibia

Point to leg, Rt "T"

Tilt

"Lean" (p. 212) Rt "T" index side touches Lt P-L. Rt top knuckles rotate up to Lt - moving arm and elbow to horizontal

Timorous

"Timid" (p. 372) + -ous

Tinker

Work" (p. 407) with FTPSs of index and thumb of RT "9" pecking at Lt "S

Tiration

(fsp)

Toddle

"Walk" with "T"s (p. 398), make small, unsure steps

Token

"Symbol" with RT "T" (p. 258)

Torque

Force", (p. 149) with Rt "T

Torrent

"Violent", pg. 393, palm-out "T"s move sharply side to side.

Toxin

Medicine" (p. 229) with Rt "T

Trachea

Throat" (p. 370) with Rt "T

Trance

Both hands "T" at eye level, changing to "5" hands while wiggling out

Trans-

"Across" with "T" (p. 17)

Transcend

Pass" (p. 266) with both hands "T

Transcribe

Copy" (p. 89) with Rt "T

Transfix

"Hypnosis" (p. 185) but ending in both hands P-D "T"s

Transit

Highway" (p. 178, Alt. 1) with both hands "T

Translucent

"T"s" P-O touching, separate, turn inward, change to 5 hands P-I overlapping

Transmit

Send" (p. 325) with Rt "T

Transverse

LT P-R "V", Rt P-L "T" crosses over Lt "V" Rt to Lt

Trapezoid

Draw parallelogram (db) with both hands "T" P-D

Treaty

(fsp)

Trial

Judge" (p. 202), both hands "T

Tributary

"Brook" with "T"s" (pg. 56)

Trichinosis

Worm" (p. 407) with Rt "T

Trident

Weapon with "T" (pg. 400)

Triglyceride

(fsp)

Trigonal

(fsp)

Trigonometry

"Arithmetic" (p. 29) both hands "T" ALT. 1; (fsp) T-R-I-G AH.2

Trinomial

"Name" (p. 243) with Rt "T", bounces to RT 2 more times

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Trisection
(fsp)

Tropic
Equator" (p. 129) RT "T"

Troposphere
Atmosphere" (p. 32) with Rt "T"

Trough
"Bowl" (pg. 52.) Start with RT "T"
on left palm, rise to open hands

Trout
(fsp)

Tuberculosis
(fsp) "T-B"

Tuck
Store" (p. 349) with Rt "T"

Tuffet
Sit" (p. 332) with Rt "T"

Tummy
Stomach" (p. 349) with Rt "T"

Tundra
Ground" (p. 168) with RT "T"

Turbine
"Engine" with "T"s (p. 127)

Turgor Pressure
(fsp)

Tusk
2 "T's" tap teeth

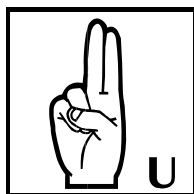
Tweezers
LT Index P-D, RT 'V' FTPSs
tweeze LT finger

Twilight
Eve" (p. 131) with Rt "T"

Twinkie
Cake" (p. 62) with Rt "T"

Twitch
Rt "T" at side of Rt eye; makes 2
small twists out

Typhoon
Tornado with "Y's"



Ulna
Rt "U" – then point to Lt forearm

Ultra Violet (UV)
(fsp) U-V

Uni
1

Unicellular
(fsp) + See II Book (pg. 68) + "ER"

Unicycle
Bicycle" (p.47) with "U's"

Unique
"Special" with left "U" (p. 341)

Unsaturated
(fsp)

Upset
Rt P-D "K" in front of stomach, flips
over to P-U "K"

Uracil
(fsp)

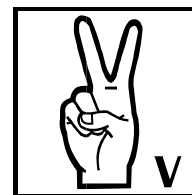
Uranus
P-Lanet" (p. 277) Rt "U"

Urban
"Town" with right "U" (p. 376)

Usher
"Lead" (p. 212) with Lt "U" (but
horizontal so it looks like an "H");
(AHL) "introduce" using one hand
with "U" (pg. 195)

Utensil
Thing" (p. 369) with Rt "U"

Uterus
Show shape of uterus with FTPS
and thumbtips of each hand
touching



Vacuole
LT P-R small "C", RT P-I sideways
"V" slides from tip of thumb inward
on c

Valence
Atom" (p. 32) with Rt "V"

Valve
LT horizontal "C", RT hand "V"
over top of "C" (shows opening
and closing a valve)

Vandal
Destroy" (p. 107) with "V"

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Vascular

"Vessel" (p. 392) + "R"'s

Vaudeville

Act" (p. 17) with "V

Vector

Line" (p. 216) with Rt "V

Velocity

"Fast" both hands "V" shape pulls back (pg. 140)

Venus

"Planet" with "V" (p. 277)

Versatile

"Flex" with LT "V" (p. 146)

Vertebrae

RT index points to back, LT horizontal P "F" RT P "G" below the "F"; then "G" moves down in small units to mime backbone

Vertex

"Angle" (p. 25), but Rt points to corner of Lt where the vertex of an angle is

Victoria

RT P-O "V" taps LT P-R vertical palm

Victorian

Hour" (p. 183) with Rt "V" changing to "N

Vietnam

"V" + "N" near right eye

Vigil

"Religion" with "V" (p. 304)

Viking

Both hands "V" arc from temple of head up like horns of helmet

Villain

Thief" (page 368) with "V

Viola

Violin" (p. 393) with Lt "V

Violate

Abuse" (page 16) with "V

Virtue

"Character" with RT "V" (p. 70)

Visor

"V" from forehead down to in front of eyes

Vixen

(fsp) (Proper name)

Void

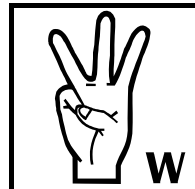
Cancel" (p. 63) with Rt "V

Volatile

(fsp)

Voltage

(fsp)



Wage

Earn" (p. 122) with "W

Wallaby

Kangaroo" (p. 205) with both hands "W

Warranty

Promise" (p. 288) with Rt "W

Watt

(fsp)

Waxahachie

Index of P-O "W" taps RT side of forehead twice

Wean

(fsp)

Wedge

Lt P-I flat hand, Rt P-O bent "V" wedges between 2nd and 3rd fingers of LtH

Weight

See II Book (pg. 401) + "-T"

Welfare

"W" + "Subscribe" (p. 352)

Whey

Cereal" (p. 69, Alt. 1) with Rt "W

Whisk

"Stir" with "W" (p. 348)

Whoa

"Stop" with RT "W" (p. 349)

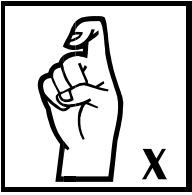
Wilt

P-O. "W"s wiggle down, then sign "Melt" (p. 229)

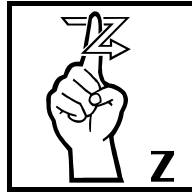
Wriggle

Wiggle" with "W" changing to "R

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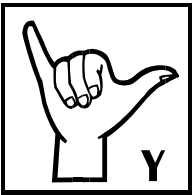


X-Axis
(fsp) + draw "X" horizontally



Zoology
(fsp)

Xylem
LT "O" P RT; RT "X" touching Lt,
moves upward motion



Y'all
"Y" arcs out to "L" - left to right

Y-Axis
(fsp) + draw "Y" vertically

Yeah
P-O "Y" nods one time

Yip
(fsp)

Yum
P-I "Y" circles on tummy