


## Lessons in SignWriting Textbook

by Valerie Sutton

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The SignWriting System was first invented by Valerie Sutton in 1974.

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Photos of Kevin Clark \& Lucinda O'Grady are captured from the
Lessons In SignWriting Video Series DVD

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Lessons in SignWriting
Textbook by Valerie Sutton

With contributions and photos
from members of the
Deaf Action Committee for SignWriting (the DAC) including...


This textbook coordinates with the

## Lessons In SignWritinge

Video Series \& Booklets


View on YouTube or on DVD. Learn SignWriting at home or in the classroom with these two educational videos. The Lessons In SignWriting Video Series has been shown on USA cable television as educational programs. Two Deaf native signers, Lucinda O'Grady and Kevin Clark, teach the basics of SignWriting in American Sign Language (ASL), with English voice and captions on the screen.

The series includes: Video 1: Introduction to SignWriting (21 minutes) and Video 2: SignWriting Basics (31 minutes). Each DVD includes a paperback booklet with a transcription of the English voice plus a review of the instruction.

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## Dedication

This book is dedicated to all of the hard-working, intelligent and generous people who have dedicated their time and knowledge to helping SignWriting improve and grow. Without them, writing signs would still be a dream not yet realized!



## SignWriting ${ }^{*}$

## A Deaf Perspective...

by Lucinda O'Grady Batch


I am writing to tell you how strongly I feel about SignWriting and how much it can benefit Deaf people.

I was born Deaf to a Deaf family and I am a native American Sign Language (ASL) user. I have been working with Sign Writing since 1982. I was the first Deaf person to write articles in ASL, in SignWriting, for the SignWriter Newspaper. Later, Valerie Sutton and I established....

the Deaf Action Committee For SignWriting (the DAC) in 1988.

I think it is very important to spread the word about SignWriting. ASL is a language in its own right, yet until the development of SignWriting, it was a language without a written form. When I found out about Sign Writing I was thrilled to think that at last we would have a way to write our language.

Deaf Americans are one of the very few linguistic minorities that are unable to get books teaching English in

(


No matter what the project, SignWriting encourages us to read and write and I feel that is important.

All of us hope that you will enjoy learning SignWriting. Your interest and support is a great help to our Deaf community.


Lucinda Batch



## Write SignWriting on the web!

Write signs and Sign Language documents: www.SignPuddle.org

(2)

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Viewpoints

## Receptive Viewpoint

When someone is facing you, signing to you, you view the signs as an observer.
The signer's right side is your left side. This is called the Receptive Viewpoint.


## Expressive Viewpoint

When you are signing to someone else, you see signs from your own point of view.
This is called the Expressive Viewpoint.


## Which Viewpoint?

Do we write signs from
the Expressive Viewpoint?...



## The <br> Expressive Viewpoint

We read and write signs expressively.

SignWriting can
be written from either the
Receptive
or the
Expressive
viewpoints. This
book teaches
reading and writing
signs from the
Expressive
Viewpoint.

The Expressive
Viewpoint is now the standard in
SignWriting publications.
The Receptive Viewpoint is used occasionally when transcribing signs from videotape, or when recording foreign signs in shorthand.

For more information on using the Receptive Viewpoint, refer to Chapter 15.

## The <br> Expressive Viewpoint

Read and write signs as if you are looking at your own hands, from your own perspective.


## Palm of Hand

When you see the palm of your hand, while you are signing, the symbol for the hand will be white, or hollow.

The palm of the hand is always written with a white, hollow symbol.


## Side of Hand

When you see the side of your hand while you are signing, the symbol for the hand will be half black and half white.

The white part of the symbol shows where the palm of the hand faces. The dark part represents the back of the hand.


## Back of Hand

When you see the back of your hand while you are signing, the symbol will be black, or filled-in.

The back of the hand is always written with a black, filled-in symbol.

## Left Side of Head

The head is written with a circle, viewed from the back. When the left hand is near the left side of the head, the symbol for the hand is placed to the left:


Note: An asterisk means touch.
Two asterisks mean touching two times.

## Right Side of Head

The head is written with a circle, viewed from the back. When the right hand is near the right side of the head, the symbol for the hand is placed to the right:


> know
> (hand on the right side)

Note: An asterisk means touch.
Two asterisks mean touching two times.

## Left Side of Face

Pretend you can see through the back of the head.
You are reading and writing how your face "feels" when you sign:


## Right Side of Face

Pretend you can see through the back of the head. You are reading and writing how your face "feels" when you sign:


## know <br> (mouth pushed up on the right side)




Hands

## 3 Basic Handshapes



## Closed <br> Fist

When the fingertips touch the palm of the hand, it is called a Closed Fist.

AClosed Fist is written with a square.

## Open



Fist
When the fingertips touch each other, it is called an Open Fist.

An Open Fist is written with a circle.


## Flat Hand

When the fingers stretch straight up, and touch each other, it is called a Flat Hand.

A Flat Hand is written with a rectangle, with a tip for the fingertips.

## 3 Basic Handshapes



## Closed

 FistBoth the letter $S$ and the number 1 in ASL are written with a square for the Closed Fist, since the fingertips touch the palm:


## Open

Fist

Both the letter O and the letter $D$ in ASL are written with a circle for the Open Fist, since the fingertips touch each other:

3 Basic Handshapes


Closed Fist


Open Fist


## Add Lines for Fingers



## Closed Fist: Adding Fingers



The fingertips touch the palm of the hand in the Closed Fist. If one finger sticks up, then one line extends from the square. If two fingers stick up, then two lines extend:


1 finger up Closed Fist


2 fingers up Closed Fist

## Open Fist: Adding Fingers



The fingertips touch each other in the Open Fist. If one finger sticks up, then one line extends from the circle. If two fingers stick up, then two lines extend:


## Flat Hand: Adding Fingers



The fingers are straight together in the Flat Hand. If the thumb sticks out, then one line extends from the rectangle. If all five fingers spread, then five lines extend from the symbol:

thumb out
Flat Hand


5 fingers spread 5-Hand

## Rootshapes

Like roots to a tree, Rootshapes provide the foundation for all hand symbols. Rootshapes are determined by the shape of the LOWEST finger in the handshape. For example, a square for a TIGHT Fist must have at least one finger touching the palm of the hand. A circle for an OPEN fist, has at least one finger close to the palm of the hand, but not touching the palm of the hand.
Rootshape: Tight Fist
Tight Fist: At least 1 finger touches palm

| Rootshape: Circle |
| :--- |
| At least 1 fingertip touches thumbtip in a curve or... |
| At least 1 curved finger is close to palm of hand |


| Rootshape: Cup |
| :--- |
| At least 1 finger is curved at the Middle Joint \& Tip Joint. |
| There is No bend or curve at the Knuckle Joint. |


| Rootshape: Hinge |
| :--- |
| At least 1 finger bends at the Knuckle Joint, while |
| the Middle Joint and Tip Joint lock completely straight. |


| Rootshape: Angle |
| :--- |
| The Hinge, with fingertips and thumb tip touching |


| Rootshape: Flat Thumb Across |
| :--- |
| Thumb across palm, four fingers straight up with no bends |


| Rootshape: Flat |
| :--- |
| Five fingers straight up with no bends |

## Action Fingers

Once the Rootshape is established, the lines for the fingers are attached. The finger lines are called Action Fingers. They extend from the root of the hand like branches on a tree. Action Fingers are more important than the Rootshape, because they are looked at first, just as observers look at the branches of a tree first. Readers focus on Action Fingers first, since they give meaning to the handshape.


## Palm Facing

Front View
The hand is parallel with the front wall.


## Palm Facing

Top View

space at
nuckle join
knuckle joint
means hand
is parallel
to the floor


## Palm Facing

Front View
The hand is parallel with the front wall.


## Palm Facing

Top View

space at
knuckle join
knuckle joint
means hand
is parallel
to the floor


The hand is parallel with the floor.


## Palm Facing

## Front View

The hand is parallel with the front wall.


## Palm Facing

Top View

The hand is parallel with the floor.


## Palm Facing

Front View
The hand is parallel with the front wall.


## Palm Facing

## Top View

The hand is parallel with the floor.


## Palm Facing

Front View

The hand is parallel with the front wall.


## Palm Facing

Top View

space at knuckle joint


## Palm Facing

Front View
The hand is parallel with the front wall.


## Palm Facing

Top View

The hand is parallel with the floor.


## Expressive Front View

Signs are written from the signer's expressive viewpoint. Imagine standing BEHIND the signer, copying what the signer does and feels.


## Palm of Hand

The palm of the hand is written with a white or hollow symbol.

Front View
Parallel with Wall Plane
The hand is parallel to the Front Wall. The white symbol shows that the palm faces towards your body, towards the reader.


## Side of Hand

The side of the hand is written with a symbol that is half-white and half-dark. The half-white section shows the direction of the palm. The half-dark section represents the back ofthe hand.

Front View
Parallel with Wall Plane
The hand is parallel to the Front Wall. The thumb of the hand faces towards your body.


## Back of Hand

The back of the hand is written with a black or filled-in symbol.

## Front View

Parallel with Wall Plane
The hand is parallel to the Front Wall. The black symbol shows that the back of the hand faces towards your body.

## Expressive Top View

Signs are written from the signer's expressive viewpoint. Imagine looking down on the position of the signer, from a bird's eye view.


## Palm of Hand

Top View
Parallel with Floor Plane
The hand is parallel to the floor. You are looking down at your palm from overhead. The white symbol has a space at the knuckle joint representing the Horizon Line. A hand symbol with the Horizon Line crossing over the knuckles means the hand is "parallel with the floor" read from the Top View.


Side of Hand
Top View
Parallel with Floor Plane
The hand is parallel to the floor.
You are looking down at the side of your hand (your thumb) from overhead. The hand symbol has a space at the knuckle joint representing the Horizon Line. A hand symbol with the Horizon Line crossing over the knuckles means the hand is "parallel with the floor" read from the Top View.


## Back of Hand

Top View
Parallel with Floor Plane
The hand is parallel to the floor. You are looking down at the back of your hand from overhead. The hand symbol has a space at the knuckle joint, representing the Horizon Line. A hand symbol with the Horizon Line crossing over the knuckles means the hand is "parallel with the floor" read from the Top View.

## Hands Relate to Center

In the International SignWriting Alphabet, all hand symbols are designed to relate to the Center of the Body. Imagine a Center Line going down the center of your body. The Majority of Action Fingers are directed towards the center. Left hands are written to the left of the Center Line. Right hands are written to the right of the Center Line.


## The Wall Plane

Hand symbols parallel to the Front Wall look the same whether they are far from the chest, close to or touching the chest, or behind the body. You can FEEL the position of the palm facing. It remains the same symbol no matter how close or far it is.


## The Floor Plane

Hand symbols parallel to the Floor look the same whether they are high above the head, in the middle in front of your chest, or low at hip level. You can FEEL the position of the palm facing. It remains the same symbol no matter how high or low it is.


## Hands Pointing to the Side

Hand symbols with the fingers pointing to the side can be written from the Front View, parallel to the Front Wall Plane, or from the Top View, parallel to the Floor Plane. Both symbols are correct, since side-to-side can be seen from the Front View or the Top View. Choose to write the simpler symbols seen from the Front View, parallel to the Front Wall, since they are less complicated for quick reading:


## Choose the

 Front ViewThe Front View writes the palm of the hand with a white or hollow symbol.

Front View Is Easer to Read
When the fingers point to the side wall, it is best to write the symbol parallel to the Front Wall because the symbol is easier to read.


## Top View Is

Correct but...
The Top View of the hand is written with a half-white halfdark symbol with the Horizon Line across the knuckles.

Top View Is Harder to Read
When the fingers point to the side wall, it is correct to write the symbol parallel to the Floor, but it is harder to read and therefore not recommended.

## 10 Groups of Hands

There are ten groups of hand symbols in the International SignWriting AIphabet. The hands are grouped according to which fingers are used. These ten groups are the beginning of the Sign Symbol Sequence, the order of symbols used to look up signs in SignWriting dictionaries by Sign-Symbols. Handshapes used in all signed languages are included. All ten groups are listed on the following pages. An easy way to remember these groups is to count from one to ten in American Sign Language (ASL).


## 10 Groups of Hands

| Hand | Symbol | SymbolGroup | Name |
| :---: | :---: | :---: | :---: |
| $y$ | $\square$ | SymbolGroup 1 | Index |
|  | $\checkmark$ | SymbolGroup 2 | Index Middle |
|  | $\square$ | SymbolGroup 3 | Index Middle Thumb |
|  | $\square$ | SymbolGroup 4 | Four Fingers |
|  | 3 | SymbolGroup 5 | Five Fingers |
|  |  | SymbolGroup 6 | Baby Finger |
|  |  | SymbolGroup 7 | Ring Finger |
|  | $\square$ | SymbolGroup 8 | Middle Finger |
|  | $\stackrel{1}{\square}$ | SymbolGroup 9 | Index Thumb |
|  | $\square-$ | SymbolGroup 10 | Thumb |

## Group 1

Index Finger


Front View

Hands Parallel With The Wall


## Top View

Hands Parallel To The Floor


## Front View

Hands Parallel With The Wall


Top View

Hands Parallel To The Floor

do-do?

dessert


doctor

## Group 2

Index Middle

|  | $\checkmark$ | BaseSymbol 15 | Index Middle |
| :---: | :---: | :---: | :---: |
|  | © | BaseSymbol 16 | Index Middle on Circle |
|  | 7 | BaseSymbol 17 | Index Middle Bent |
|  | 0 | BaseSymbol 18 | Index Middle Raised Knuckles |
|  | $\square$ | BaseSymbol 19 | Index Middle Hinge |
|  |  | BaseSymbol 20 | Index Up, Middle Hinge |
|  | 1 | BaseSymbol 21 | Index Hinge, Middle Up |
|  | $\square$ | BaseSymbol 22 | Index Middle Unit |
|  | $\square$ | BaseSymbol 23 | Index Middle Unit, Index Bent |
|  | $\square$ | BaseSymbol 24 | Index Middle Unit, Middle Bent |
|  | 7 | BaseSymbol 25 | Index Middle Unit, Cup |
|  | \} | BaseSymbol 26 | Index Middle Unit, Hinge |
|  | $x$ | BaseSymbol 27 | Index Middle Cross |
|  | d | BaseSymbol 28 | Index Middle Cross on Circle |
|  | $\checkmark$ | BaseSymbol 29 | Middle Bent Over Index |
|  | $\square$ | BaseSymbol 30 | Index Bent Over Middle |

## Front View

Hands Parallel With The Wall


Top View
Hands Parallel To The Floor


## Group 3 <br> Index Middle Thumb

| $\sqrt{3}$ | $\downarrow$ | BaseSymbol 31 | Index Middle Thumb |
| :---: | :---: | :---: | :---: |
|  | $\downarrow$ | BaseSymbol 32 | Index Middle Thumb on Circle |
|  | ৷ | BaseSymbol 33 | Index Middle Straight, Thumb Bent |
|  | İ | BaseSymbol 34 | Index Middle Bent, Thumb Straight |
|  | 7 | BaseSymbol 35 | Index Middle Thumb Bent |
|  | 3 | BaseSymbol 36 | Index Middle Hinge Spread, Thumb Side |
|  | $\square$ | BaseSymbol 37 | Index Up, Middle Hinge, Thumb Side |
|  | $\downarrow$ | BaseSymbol 38 | Index Up, Middle Hinge, Thumb Unit |
|  | $\square$ | BaseSymbol 39 | Index Hinge, Middle Up, Thumb Side |
|  | - | BaseSymbol 40 | Index Middle Up Spread, Thumb Forward |
|  | Эิ | BaseSymbol 41 | Index Middle Thumb Cup |
|  | 9 | BaseSymbol 42 | Index Middle Thumb Circle |
|  | Q | BaseSymbol 43 | Index Middle Thumb Hook |

## Group 3

Index Middle Thumb

|  | 71 | BaseSymbol 44 | Index Middle Thumb Hinge |
| :---: | :---: | :---: | :---: |
|  | 吅 | BaseSymbol 45 | Thumb Between Index Middle Straight |
|  | $\downarrow$ | BaseSymbol 46 | Index Middle Unit, Thumb Side |
|  | d | BaseSymbol 47 | Index Middle Unit, Thumb Side Unit |
|  | d | BaseSymbol 48 | Index Middle Unit, Thumb Side Bent |
|  | 0 | BaseSymbol 49 | Middle Thumb Hook, Index Up |
|  | 0 | BaseSymbol 50 | Index Thumb Hook, Middle Up |
|  | $\square$ | BaseSymbol 51 | Index Middle Unit Hinge, Thumb Side |
|  | $\downarrow$ | BaseSymbol 52 | Index Middle Cross, Thumb Side |
|  | - - | BaseSymbol 53 | Index Middle Unit, Thumb Forward |
|  | 7 | BaseSymbol 54 | Index Middle Unit Cup, Thumb Forward |
|  | $\ddagger$ | BaseSymbol 55 | Middle Thumb Cup, Index Up |
|  | 3 | BaseSymbol 56 | Index Thumb Cup, Middle Up |

## Group 3

Index Middle Thumb

|  | 4 | BaseSymbol 57 | Middle Thumb Circle, Index Up |
| :---: | :---: | :---: | :---: |
|  | वे | BaseSymbol 58 | Middle Thumb Circle, Index Hinge |
|  |  | BaseSymbol 59 | Index Thumb Angle Out, Middle Up |
|  | 1 | BaseSymbol 60 | Index Thumb Angle In, Middle Up |
|  |  | BaseSymbol 61 | Index Thumb Circle, Middle Up |
|  | च] | BaseSymbol 62 | Index Middle Thumb, Unit Hinge |
|  | 二 | BaseSymbol 63 | Index Middle Thumb, Angle Out |
|  | च | BaseSymbol 64 | Index Middle Thumb, Angle |
|  |  | BaseSymbol 65 | Middle Thumb Angle Out, Index Up |
|  |  | BaseSymbol 66 | Middle Thumb Angle Out, Index Crossed |
|  |  | BaseSymbol 67 | Middle Thumb Angle, Index Up |
|  | 7 | BaseSymbol 68 | Index Thumb Hook, Middle Hinge |

## Front View

Hands Parallel With The Wall


Top View
Hands Parallel To The Floor


## Group 4 <br> Four Fingers

|  | 以 | BaseSymbol 69 | Four Fingers |
| :---: | :---: | :---: | :---: |
|  |  | BaseSymbol 70 | Four Fingers Bent |
|  | E | BaseSymbol 71 | Four Fingers Hinge |
|  | $\theta$ | BaseSymbol 72 | Four Fingers Unit |
|  | $\underline{\square}$ | BaseSymbol 73 | Four Fingers Unit Split |
|  | 曰 | BaseSymbol 74 | Four Fingers Unit Claw |
|  | $E$ | BaseSymbol 75 | Four Fingers Unit Bent |
|  | $\theta$ | BaseSymbol 76 | Four Fingers Unit Hinge |

## Front View

Hands Parallel With The Wall
当


list

talk

$\$ 4.00$

Top View
Hands Parallel To The Floor


## Group 5

Five Fingers

|  | $\cdots$ | BaseSymbol 77 | Five Fingers Spread |
| :---: | :---: | :---: | :---: |
|  | 当 | BaseSymbol 78 | Five Fingers Spread Heel |
|  | N | BaseSymbol 79 | Five Fingers Spread，Four Bent |
| ${ }^{\text {ant }}$ | （57） | BaseSymbol 80 | Five Fingers Spread，Four Bent Heel |
|  | Nひ | BaseSymbol 81 | Five Fingers Spread Bent |
| ${ }^{481}$ | （¢）3） | BaseSymbol 82 | Five Fingers Spread Bent Heel |
|  | $v$ | BaseSymbol 83 | Five Fingers Spread，Thumb Forward |
|  | 30］ | BaseSymbol 84 | Five Fingers Spread Cup |
|  | ה⿹弋工 | BaseSymbol 85 | Five Fingers Spread Cup Open |
|  | 式 | BaseSymbol 86 | Five Fingers Spread Hinge Open |
|  | $\geqslant$ | BaseSymbol 87 | Five Fingers Spread Oval |
|  | Vै | BaseSymbol 88 | Five Fingers Spread Hinge |
|  | ＂1－ | BaseSymbol 89 | Five Fingers Spread Hinge，Thumb Side |
|  | \＃ै | BaseSymbol 90 | Five Fingers Spread Hinge，No Thumb |
|  | 0 | BaseSymbol 91 | Flat |

## Group 5

Five Fingers

|  | 1 | BaseSymbol 92 | Flat, Between Palm Facings |
| :---: | :---: | :---: | :---: |
|  | $\square$ | BaseSymbol 93 | Flat Heel |
|  | 0 | BaseSymbol 94 | Flat, Thumb Side |
| 8 | $\square$ | BaseSymbol 95 | Flat, Thumb Side Heel |
|  | $\square$ | BaseSymbol 96 | Flat, Thumb Bent |
|  | -】 | BaseSymbol 97 | Flat, Thumb Forward |
| , | 0 | BaseSymbol 98 | Flat Split Index, Thumb Side |
|  | 4 | BaseSymbol 99 | Flat Split Center |
| 1 | 4 | BaseSymbol 100 | Flat Split Center, Thumb Side |
|  |  | BaseSymbol 101 | Flat Split Center, Thumb Side Bent |
|  |  | BaseSymbol 102 | Flat Split Baby |
|  | ㄱ] | BaseSymbol 103 | Claw |
|  | 7 | BaseSymbol 104 | Claw, Thumb Side |
|  | 7 | BaseSymbol 105 | Claw, No Thumb |
|  | 71 | BaseSymbol 106 | Claw, Thumb Forward |

## Group 5

Five Fingers

| 1 | V] | BaseSymbol 107 | Hook Curlicue |
| :---: | :---: | :---: | :---: |
| 1 | V] | BaseSymbol 108 | Hook |
|  | $\cdots$ | BaseSymbol 109 | Cup Open |
|  | (1) | BaseSymbol 110 | Cup |
|  | $\square$ | BaseSymbol 111 | Cup Open, Thumb Side |
|  | 7 | BaseSymbol 112 | Cup, Thumb Side |
|  | 7 | BaseSymbol 113 | Cup Open, No Thumb |
|  | 7 | BaseSymbol 114 | Cup, No Thumb |
|  | $\beth$ | BaseSymbol 115 | Cup Open, Thumb Forward |
|  | 1) | BaseSymbol 116 | Cup, Thumb Forward |
|  | $\bigcirc$ | BaseSymbol 117 | Curlicue Open |
|  | $\bigcirc$ | BaseSymbol 118 | Curlicue |
|  | O | BaseSymbol 119 | Circle |
|  | Cll | BaseSymbol 120 | Oval |
|  | 4 | BaseSymbol 121 | Oval, Thumb Side |
|  | 7 | BaseSymbol 122 | Oval, No Thumb |

## Group 5

Five Fingers

|  | 91 | BaseSymbol 123 | Oval, Thumb Forward |
| :---: | :---: | :---: | :---: |
|  | $\lambda$ | BaseSymbol 124 | Hinge Open |
|  | - | BaseSymbol 125 | Hinge Open, Thumb Forward |
|  | $\square$ | BaseSymbol 126 | Hinge |
|  | ज | BaseSymbol 127 | Hinge Small |
|  | $\rangle$ | BaseSymbol 128 | Hinge Open, Thumb Side |
|  | I | BaseSymbol 129 | Hinge, Thumb Side |
|  | $\rangle$ | BaseSymbol 130 | Hinge Open, No Thumb |
|  | $\square$ | BaseSymbol 131 | Hinge, No Thumb |
|  | * | BaseSymbol 132 | Hinge, Thumb Side Touches Index |
|  | - 0 | BaseSymbol 133 | Hinge, Thumb Between Middle Ring |
|  | 7 | BaseSymbol 134 | Angle |

## Front View

Hands Parallel With The Wall


## Top View

Hands Parallel To The Floor


## Front View

Hands Parallel With The Wall


## Group 6

Baby Finger

| $1 /$ | 尚 | BaseSymbol 135 | Index Middle Ring |
| :---: | :---: | :---: | :---: |
|  | ¢ | BaseSymbol 136 | Index Middle Ring on Circle |
|  | च* | BaseSymbol 137 | Index Middle Ring on Hinge |
|  | ** | BaseSymbol 138 | Index Middle Ring on Angle |
|  | * | BaseSymbol 139 | Baby Hinge |
|  | N | BaseSymbol 140 | Index Middle Ring, Bent |
|  | 耑 | BaseSymbol 141 | Index Middle Ring, Unit |
|  | \#ै | BaseSymbol 142 | Index Middle Ring, Unit Hinge |
|  | $\underline{\square}$ | BaseSymbol 143 | Baby Down |
|  | $\geqslant 1$ | BaseSymbol 144 | Baby Down, Ripple Straight |
|  | 0) | BaseSymbol 145 | Baby Down, Ripple Curved |
|  | 9 | BaseSymbol 146 | Baby Down, Others Circle |
|  | $\square$ | BaseSymbol 147 | Baby Up |

## Group 6 <br> Baby Finger

|  | $\square$ | BaseSymbol 148 | Baby Up on Fist Thumb Under |
| :---: | :---: | :---: | :---: |
|  | O | BaseSymbol 149 | Baby Up on Circle |
|  | 入̀ | BaseSymbol 150 | Baby Up on Oval |
|  | से | BaseSymbol 151 | Baby Up on Angle |
|  | $\square$ | BaseSymbol 152 | Baby Raised Knuckle |
|  | $\square$ | BaseSymbol 153 | Baby Bent |
|  | © | BaseSymbol 154 | Baby Touches Thumb |
|  | $\square$ | BaseSymbol 155 | Baby Thumb |
|  | － | BaseSymbol 156 | Baby Thumb on Hinge |
|  | $\square$ | BaseSymbol 157 | Baby Index Thumb |
|  |  | BaseSymbol 158 | Baby Index Thumb on Hinge |
|  | V | BaseSymbol 159 | Baby Index Thumb，Index Thumb Angle Out |
|  | ऐ亠 | BaseSymbol 160 | Baby Index Thumb，Index Thumb Angle |
|  | $\square$ | BaseSymbol 161 | Baby Index |
|  | d | BaseSymbol 162 | Baby Index on Circle |
|  | \＃才 | BaseSymbol 163 | Baby Index on Hinge |
|  | ते | BaseSymbol 164 | Baby Index on Angle |

## Front View

Hands Parallel With The Wall



Top View<br>Hands Parallel To The Floor

光

six of them

six weeks

sixty-six

## Group 7

Ring Finger

| W | $\stackrel{H}{\square}$ | BaseSymbol 165 | Index Middle Baby |
| :---: | :---: | :---: | :---: |
|  | d | BaseSymbol 166 | Index Middle Baby on Circle |
|  | चै | BaseSymbol 167 | Index Middle Baby on Hinge |
|  | 4 | BaseSymbol 168 | Ring Hinge |
|  | *ै | BaseSymbol 169 | Index Middle Baby on Angle |
|  | $\downarrow$ | BaseSymbol 170 | Index Middle Cross with Baby |
|  | d) | BaseSymbol 171 | Index Middle Cross with Baby on Circle |
|  | $\square$ | BaseSymbol 172 | Ring Down |
|  | 7 | BaseSymbol 173 | Ring Down, Index Thumb Hook, Middle Hinge |
|  | \# | BaseSymbol 174 | Ring Down, Middle Thumb Angle, Index Cross |
|  | 亡 | BaseSymbol 175 | Ring Up |
|  | ! | BaseSymbol 176 | Ring Raised Knuckle |
|  | $\square$ | BaseSymbol 177 | Ring Baby |

## Group 7 <br> Ring Finger

|  |  | BaseSymbol 178 | Ring Baby on Circle |
| :---: | :---: | :---: | :---: |
|  | d | BaseSymbol 179 | Ring Baby on Oval |
|  | + | BaseSymbol 180 | Ring Baby on Angle |
|  |  | BaseSymbol 181 | Ring Middle |
|  |  | BaseSymbol 182 | Ring Middle Unit |
|  |  | BaseSymbol 183 | Ring Middle Raised Knuckles |
|  |  | BaseSymbol 184 | Ring Index |
|  |  | BaseSymbol 185 | Ring Thumb |
|  | 8 | BaseSymbol 186 | Ring Thumb Hook |

## Front View

Hands Parallel With The Wall


Top View<br>Hands Parallel To The Floor


seven of them

seven weeks

seventy-seven

## Group 8

Middle Finger

|  | $\forall$ | BaseSymbol 187 | Index Ring Baby |
| :---: | :---: | :---: | :---: |
|  | $\downarrow$ | BaseSymbol 188 | Index Ring Baby on Circle |
|  | ＊ | BaseSymbol 189 | Index Ring Baby on Curlicue |
|  | ＊ | BaseSymbol 190 | Index Ring Baby on Hook Out |
|  | ＊ | BaseSymbol 191 | Index Ring Baby on Hook In |
|  | ＊ | BaseSymbol 192 | Index Ring Baby on Hook Under |
|  | 》 | BaseSymbol 193 | Index Ring Baby on Cup |
|  | 米 | BaseSymbol 194 | Index Ring Baby on Hinge |
|  | ＊ | BaseSymbol 195 | Index Ring Baby on Angle Out |
|  | ＊ | BaseSymbol 196 | Index Ring Baby on Angle |
|  | $\Downarrow$ | BaseSymbol 197 | Middle Down |
| $7$ | 为 | BaseSymbol 198 | Middle Hinge |

## Group 8

Middle Finger

| 1 |  | BaseSymbol 199 | Middle Up |
| :---: | :---: | :---: | :---: |
|  |  | BaseSymbol 200 | Middle Up on Circle |
|  |  | BaseSymbol 201 | Middle Raised Knuckle |
|  |  | BaseSymbol 202 | Middle Up, Thumb Side |
|  |  | BaseSymbol 203 | Middle Thumb Hook |
|  |  | BaseSymbol 204 | Middle Thumb Baby |
|  |  | BaseSymbol 205 | Middle Baby |

## Front View

Hands Parallel With The Wall


## Top View

Hands Parallel To The Floor


## Group 9

Index Thumb

|  | 尚 | BaseSymbol 206 | Middle Ring Baby |
| :---: | :---: | :---: | :---: |
|  | $d$ | BaseSymbol 207 | Middle Ring Baby on Circle |
|  | d | BaseSymbol 208 | Middle Ring Baby on Curlicue |
|  | $\ddagger$ | BaseSymbol 209 | Middle Ring Baby on Cup |
|  | V17 | BaseSymbol 210 | Middle Ring Baby on Hinge |
|  | V | BaseSymbol 211 | Middle Ring Baby on Angle Out |
|  | Vr | BaseSymbol 212 | Middle Ring Baby on Angle In |
|  | Vi | BaseSymbol 213 | Middle Ring Baby on Angle |
|  | $\theta^{3}$ | BaseSymbol 214 | Middle Ring Baby Bent |
|  | H1 | BaseSymbol 215 | Middle Ring Baby Unit on Claw |
|  | H1 | BaseSymbol 216 | Middle Ring Baby Unit on Claw Side |
|  | tll | BaseSymbol 217 | Middle Ring Baby Unit on Hook Out |

## Group 9

Index Thumb

|  | -1 | BaseSymbol 218 | Middle Ring Baby Unit on Hook In |
| :---: | :---: | :---: | :---: |
|  | V1 | BaseSymbol 219 | Middle Ring Baby Unit on Hook |
|  | 7 | BaseSymbol 220 | Index Hinge |
|  |  | BaseSymbol 221 | Index Thumb Side |
|  |  | BaseSymbol 222 | Index Thumb Side on Hinge |
|  | $\square$ | BaseSymbol 223 | Index Thumb Side, Thumb Diagonal |
|  | $\square$ | BaseSymbol 224 | Index Thumb Side, Thumb Unit |
|  | - | BaseSymbol 225 | Index Thumb Side, Thumb Bent |
|  | 7- | BaseSymbol 226 | Index Thumb Side, Index Bent |
|  | ワ | BaseSymbol 227 | Index Thumb Side, Both Bent |
|  |  | BaseSymbol 228 | Index Thumb Side, Index Hinge |
|  | - | BaseSymbol 229 | Index Thumb Forward, Index Straight |
|  | - | BaseSymbol 230 | Index Thumb Forward, Index Bent |

## Group 9

Index Thumb

|  | V | BaseSymbol 231 | Index Thumb Hook |
| :---: | :---: | :---: | :---: |
|  | 0 | BaseSymbol 232 | Index Thumb Curlicue |
|  | \% | BaseSymbol 233 | Index Thumb Curve, Thumb Inside |
|  | ¢ | BaseSymbol 234 | Index Thumb Curve, Thumb Inside on Claw |
|  | 0 | BaseSymbol 235 | Index Thumb Curve, Thumb Under |
|  | 9 | BaseSymbol 236 | Index Thumb Circle |
|  | $\square$ | BaseSymbol 237 | Index Thumb Cup |
|  | $\square$ | BaseSymbol 238 | Index Thumb Cup Open |
|  | $\square$ | BaseSymbol 239 | Index Thumb Hinge Open |
|  | $\square$ | BaseSymbol 240 | Index Thumb Hinge Large |
|  | च | BaseSymbol 241 | Index Thumb Hinge |
|  | V | BaseSymbol 242 | Index Thumb Hinge Small |
|  | † | BaseSymbol 243 | Index Thumb Angle Out |
|  | خ | BaseSymbol 244 | Index Thumb Angle In |
|  | ए | BaseSymbol 245 | Index Thumb Angle |

## Front View

Hands Parallel With The Wall


## Top View

Hands Parallel To The Floor

decide
nine of them

ninety-nine

## Front View

Hands Parallel With The Wall


Top View
Hands Parallel To The Floor


## Group 10 <br> Thumb

|  | ㅁ- | BaseSymbol 246 | Thumb |
| :---: | :---: | :---: | :---: |
|  | $\square-$ | BaseSymbol 247 | Thumb Heel |
|  | $\square$ | BaseSymbol 248 | Thumb Side Diagonal |
|  | ㅁ | BaseSymbol 249 | Thumb Side Unit |
|  | $\square$ | BaseSymbol 250 | Thumb Side Bent |
|  | $\square$ | BaseSymbol 251 | Thumb Forward |
|  | 】 | BaseSymbol 252 | Thumb Between Index Middle |
|  | ¢ | BaseSymbol 253 | Thumb Between Middle Ring |
|  | 䍖 | BaseSymbol 254 | Thumb Between Ring Baby |
|  | [1] | BaseSymbol 255 | Thumb Under Two Fingers |
|  | [ $\square^{\text {( }}$ | BaseSymbol 256 | Thumb Over Two Fingers |
|  | [1] | BaseSymbol 257 | Thumb Under Three Fingers |
|  | $\square$ | BaseSymbol 258 | Thumb Under Four Fingers |
|  | 9 | BaseSymbol 259 | Thumb Over Four Raised Knuckles |
|  | ■ | BaseSymbol 260 | Fist |
|  | $\square$ | BaseSymbol 261 | Fist Heel |

## Two Ways to Write Thumb Towards Reader

The side view of the Thumb Hand can be written in two ways. The dot for the thumb projecting directly toward the reader is the official symbol of the ISWA 2010. But some writers choose to write a line for the thumb to the side, rather than the dot. The line for the thumb is always placed on the dark side of the symbol. Both methods mean the same thing and are correct


## Front View

Hands Parallel With The Wall


other

ahead

remember

The American Manual Alphabet


## Heel of Hand or Top View?

Flat hands with the fingers pointing straight forward, with the arm parallel to the Floor Plane, can be written from a special viewpoint called the Heel of Hand "Wrist View", or from the traditional Top View:

Two Ways to Write The Same Handshape ...use either symbol...


Two Ways to Write The Same Handshape ...use either symbol...


## Heel of Hand or Top View?

Use Either Symbol


## Heel of Hand or Top View?

Fists with the knuckles directed straight forward, with the arm parallel to the Floor Plane, can be written from a special viewpoint called the Heel of Hand "Wrist View", or from the traditional Top View:

# Two Ways to Write The Same Handshape <br> ...use either symbol... 



## Two Ways to Write The Same Handshape ...use either symbol...



## Finger Direction Is Meaningful

Two ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life, because the fingers are directed down


## Action Fingers Directed Towards The Face

Finger direction relates to the Center of the Body. Action Fingers that bend at the knuckle joint in Angle, Hinge, Cup or Curve hand positions direct the fingers into the Center of the Body. The white palm shows the palm is facing the body, with a slight hint that the palm is slightly turned toward the Center too.

## Fingers Are Directed Toward the Center

...when the palm is facing the body...



## Action Fingers Directed Up

## Angle Hand Symbols

## Point the tip of the angled fingers in meaningful directions.

When writing Angle Hands, write the direction of the fingers based on what "feels correct" for the meaning of the sign. Then look at your palm. Where is the palm facing? If the palm is facing the ceiling, then it is parallel to the floor. It will be white with a space at the knuckle joint.



ASL
sign for
WET,
or SOFT


See
page 100
for
Five Fingers
Spread

with
Thumb
Forward

Finger
Direction
Is Up

See

page 151
for
Angle
Handshape

This sign can be found in: Cat in the Hat in ASL, page 1
http://www.signbank.org/SignPuddle1.6/canvas.php?ui=1\&sgn=5\&sid=144


## Action Fingers Directed Out Away From The Body

This is very rare. If the majority of Action Fingers are directed to the outside, away from the Center of the Body, as in the sign for FAIRY GODMOTHER in ASL, then it is written pointing out.



## 6 Contact Symbols

| $\boldsymbol{*}$ | 1. Touch |
| :--- | :--- |
| $\mathbf{+}$ | 2. Grasp |
| $\boldsymbol{\| \boldsymbol { * } \|}$ | 3. Between |
| $\boldsymbol{\# \#}$ | 4. Strike |
| © | 5. Brush |
| ( | 6. Rub |


more

**

school


Touch Contact is written with an asterisk.

Touch is defined as the hand gently contacting another part of the body.

## Touch Contact




Between Contact is written with a Contact Symbol between two lines.

Between is defined as contacting between two fingers or other parts of the body.


hit

clap

## H

Strike

Strike Contact is written with two lines crossing two lines.

Strike is defined as the hand contacting a surface with force.

excuse me

monthly


## Brush

Brush Contact is written with a circle with a dark dot in the center.

Brush is defined as movement that first contacts and then moves OFF the surface.

## Brush Contact


monthly


excuse me

coffee

chocolate

## ©

Circular Rub

Circular Rub Contact is written with a spiral.

Rub is defined as contact that moves, but stays ON the surface.

## Straight Rub

## Straight Rub Contact is

 written with the same spiral symbol, but the spiral symbol is connected with a straight arrow.When the Rub Contact symbol is connected with an arrow, it rubs in a straight line (not in a circle). It stays ON the surface but moves in the direction of the arrow.

## Rub Contact


temperature

coffee
©

nice


Finger
Movements

# 6 Finger Symbols 

- 1. Squeeze, Middle Joint Closes

O 2. Flick, Middle Joint Opens
3. Hinge, Knuckle Joint Closes

ヘ 4. Hinge, Knuckle Joint Opens
5. Hinge, Knuckles Open \& Close Together
6. Trill, Knuckles Open-Close Alternating


Middle Joint Finger Movements, also called Squeeze and Flick Movements, are written with small dots.


Knuckle Joint Finger Movement, also called Hinge and Trill Movements, are written with small arrows.

huh?


## Middle Joint

## Closes

When the middle joint of the finger squeezes tight (bends down or in), this closing finger movement is written with a dark dot.

The dot is placed near the finger joint that does the squeezing. Two dots represent two squeezes..


eleven

understand


Middle Joint

## Opens

When the middle joint of the finger flicks open (goes from bent to straight), this opening flicking movement is written with a hollow dot.

The dot is placed near the finger that flicks. Two dots represent two flicks.


goodbye



why

## Knuckle Joints

## Open-Close

The fingers move together in the same direction, as a unit. The knuckle-joints of the fingers open and close (bend up and down) together. This open-close knuckle movement is written with one row of small connected arrows pointing up and down.

fingerspell

typing


Knuckle Joints
Alternate
The fingers do not move together in a unit. Instead they hinge in opposite directions. One moves up, as the other moves down. This Alternating Finger Movement, also called Finger Trills, is written with two rows of small arrows pointing up and down.

Sequential Finger Movement ..specific finger-by-finger opening and closing...

| a name sign <br> Just follow the arrows. The movement starts at the stem of the arrow, and moves toward the arrowheads. So in this sign, the baby finger bends first, finishing in the A handshapes at the side of the head. | Sequential Finger Movement That Closes From The Middle Joint <br> ...very specific finger-by-finger closing of the fingers... <br> Exact details of which finger closes first, second and third. |
| :---: | :---: |
| FEW <br> in American Sign Language <br> (one of several ways to write this sign) | Sequential Finger Movement That Opens <br> From The Middle Joint <br> ...very specific <br> finger-by-finger opening of the fingers... <br> Exact details of which finger opens first, second and third. <br> In the example to the left, the sign for FEW opens the index finger first, then the middle finger, ring finger and baby finger. |



## Wall Plane

The Wall Plane is parallel with the front wall.


## Floor Plane

The Floor Plane is parallel with the floor.


## Signing Space

Signing space is the area in which you move while you sign. It is the distance you can reach in front, below and above you. Signing space travels with you wherever you go....

Think of your signing space like a room. It has a front and back wall and a floor and ceiling. It is divided into planes. A plane is an imaginary flat surface that disects your signing space.

There are two planes used in SignWriting: the Wall Plane and the Floor Plane. The Wall Plane is parallel with the front and back walls. The Floor Plane is parallel with the floor and ceiling. All movement symbols in SignWriting relate to these two planes.



Floor Plane

The Floor Plane cuts the body like a tabletop, from front to back. Movement parallel with the Floor Plane is forward and back. It is written with single stemmed-arrows.


The Planes


Floor Plane

The Planes


Double-Stemmed Arrows


Single-Stemmed Arrows

## Up-Down Movement

Up-Down Movement is parallel with the Front Wall or your chest. It is written with double-stemmed arrows:


Down

## Forward-Back Movement

Forward-Back Movement is parallel with the Floor or a table top.
It is written with single-stemmed arrows:


## Movement With The Right Hand

A dark arrowhead.


Front View


Top View

Movement With The Left Hand
A light arrowhead.


Front View


Top View

## Movement To The Side

Movement to the side can be viewed from either the Front View or the Top View. It can be written with either double-stemmed or single-stemmed arrows.


## Do not confuse these arrows:




excuse me

eager

## Straight Movement



Forward or Back

A single-stemmed arrow means that the movement is forward or back, parallel with the floor. You are looking down, on top of the movement.

## Up-Down Straight Movement

Up-Down movement is parallel with the Front Wall. It is written with double-stemmed arrows:
Wall-Plane-Straight
Movement From Elbow


Wall-Plane-Box
Straight-Corner-Straight

Wall-Plane-ZigZag
Straight-Corner-Diagonal

Wall-Plane-Peaks
Mountain Tops

Wall-Plane-Twist
Straight with Rotation

Wall-Plane-Twist-Twist
Straight with Rotation

Wall-Plane-Twist-Shake
Straight with Rotation

## Up-Down Straight Arrows

Movement Parallel With The Front Wall

exam, test
house


## Forward-Back Straight Movement

Forward-Back movement is parallel with the floor. It is written with single-stemmed arrows:
Floor-Plane-Straight

Floor-Plane-Flex
4 Movement From Wrist

Floor-Plane-Double


Small, Quick Movement

Floor-Plane-Nod


Small, Quick Movement

Floor-Plane-Cross
Cross 1 Way, Then Other

Floor-Plane-Triple


Small, Quick Movement

Floor-Plane Nod-\&-A-Half
ب1个 Small, Quick Movement
$\uparrow$
Floor-Plane-Road-Bend
Diagonal Straight


Floor-Plane-Check
Diagonal-Corner-Straight


Floor-Plane-Box
Straight-Corner-Straight


Floor-Plane-ZigZag
Straight-Corner-Diagonal


Floor-Plane-Peaks
Mountain Tops


Floor-Plane-Twist
Straight with Rotation


Floor-Plane-Twist-Twist
Straight with Rotation


Floor-Plane-Twist-Shake
Straight with Rotation

## Forward-Back Straight Arrows

Straight movement parallel with the floor.


hello

nothing

right (direction)

ask a question

## Writing Movement On Diagonal Planes

Let's review what we have already learned!

Writing movement is based on imaginary planes that cut space. The Plane that is parallel with the front wall, is called the Wall Plane. Up-Down Movement is parallel with the Wall Plane. It is written with double-stemmed arrows.

Imagine a rocketship that travels straight up. Up Movement is written with double-stemmed arrows:


The Plane that is parallel with the floor, is called the Floor Plane. Forward-Back Movement is parallel with the Floor Plane. It is written with single-stemmed arrows. Imagine driving a car. Think of the line in the center of the road. Forward Movement is written with single-stemmed arrows:


The Diagonal Plane
Space is also divided by diagonal planes.


## Up-Forward Diagonal Movement

Imagine an airplane taking off, traveling toward the horizon. Up-Forward-Diagonal-Movement is written with a double stemmed arrow. A horizontal line, representing the horizon, crosses the stemline.


## Down-Back Diagonal Movement

Imagine an airplane coming in for a landing, traveling towards you. Down-Back-Diagonal Movement is written with doublestemmed arrows. A dark dot is written on the stem of the arrow. The dot represents the nose of the plane as it is coming towards you.


## Do Not Confuse These Arrows



Do Not Confuse These Arrows


Down


Down-Back-Diagonal


Back


## Up-Down Curved Movement

Up-Down movement is parallel with the front wall.
It is written with double-stemmed arrows:

## 1. Curve Up-Side

2. Curve Up-Up

3. Curve Up-Down-Up

คロ
4. Curve Up-Loop-Up


## Up-Down Curved Arrows

The curves are parallel with the wall.

drive

but

shape, figure
spaghetti

## Forward-Over or Back-Over Curved Movement

Forward-Back movement is parallel with the floor.
It is written with single-stemmed arrows.

The thinner section means far from the body.


The thick, dark section means close to the body.


Close \& Far Perspective Like looking down a road, close is wider and darker.

1. Forward-Over
2. Forward-Over-Over

$t$
3. Forward-Over-Under

4. Back-Over


2
7. Back-Loop-Over
8. Back-Under-Over

## Forward \& Over



Diagonal
Back \& Over


## Forward-Under or Back-Under Curved Movement

Forward-Back movement is parallel with the floor.
It is written with single-stemmed arrows.

The thinner section means far from the body.


The thick, dark section means close to the body.


Close \& Far Perspective Like looking down a road, close is wider and darker.

t

1. Forward-Under

2. Forward-Under-Under
3. Forward-Loop-Under

4. Forward-Under-Over
5. Back-Under:
6. Back-Under-Under
7. Back-Loop-Under

2
8. Back-Over-Under

## Forward \& Under



Back \& Under


## Forward－Side or Back－Side Curved Movement

The movement is parallel with the floor． It is written with single－stemmed arrows．

The thinner section means far from the body．


The thick，dark section means close to the body．


Close \＆Far Perspective Like looking down a road， close is wider and darker．

1．Forward－Side
$\leftrightarrow$
2．Forward－Side－Side

3．Forward－Loop－Side



4．Forward－Side－Back－Side

」入 6．Back－Side－Side

凡
7．Back－Loop－Side


8．Back－Side－Forward－Side

Forward \& Side


## Back \& Side



## Side-Forward-Side or Side-Back-Side

## Curved Movement

Forward-Back movement is parallel with the floor.
It is written with single-stemmed arrows.

The thinner section means far from the body.


The thick, dark section means close to the body.


3

Close \& Far Perspective Like looking down a road, close is wider and darker.

5. Side-Back-Side
6. Side-Back-Side Twice

1. Side-Forward-Side
2. Side-Forward-Side Twice
3. Side-Forward-Side Loop
4. Side-Forward-Side Snake
5. Side-Back-Side Loop
6. Side-Back-Side Snake

$\square$
3

Side-Forward-Side


Side-Back-Side


## Forward-Back Curved Arrows

The curves are parallel with the floor.



## Axial Movement

## Axial Movement

There are two types of Axial Movement:

1. Rotation Movement of the Forearm
2. Flexing Movement of the Wrist

## Rotation

SignWriting includes symbols which show rotation movements made with your forearm. The forearm does not travel. It stays in one place and rotates.

Rotation Symbols place a curved arrow on an "axis". The "axisline" represents the forearm. The rotation revolves around this axis.

A double-lined axis-line represents an axis that is parallel with the wall. The forearm is up and the rotation revolves around this updown axis:

Forearm points upward, rotates:


Right forearm is up. Rotation describes the
 curve of the baby finger forward and side. The forearm does not travel, but stays in place (see note below).

Right forearm is up. Rotation describes the curve of the thumb back towards the chest and then side. The forearm stays in place. (see note below).

Note: The two movements above are technically the same. The difference is the feeling of the baby finger or the feeling of the thumb leading the rotation. Some signs push and some signs pull. See Push-Pull Writing Rules.

Right forearm is up. Rotation describes the curve of the baby finger side, forward, and then side again. The forearm does not travel, but simply rotates in place.

Right forearm is up. Rotation describes the curve of the thumb side, back and then side again. The forearm does not travel, but simply rotates in place.

A single-lined "axis-line" represents an axis parallel with the floor. When the forearm is pointing forward, parallel with the floor, the "axis-line" is a single line pointing forward:

Forearm points forward, rotates


Right forearm is forward, parallel with the floor. Rotation describes the curve of the thumb up and side. The forearm does not travel, but stays in place.


Right forearm is forward, parallel with the floor. Rotation describes the curve of the baby finger down and side. The forearm stays in place as it rotates.

Note: The two movements above are technically the same. The difference is the feeling of the baby finger or the feeling of the thumb leading the rotation. Some signs push and some signs pull. See Push-Pull Writing Rules.

Right forearm is forward, parallel with the floor. Rotation describes the curve of the baby finger side, down and side again.


Right forearm is forward, parallel with the floor. Rotation describes the curve of the thumb side, up and side again.

Note: The two movements above are technically the same. The difference is the feeling of the baby finger or the feeling of the thumb leading the rotation. Some signs push and some signs pull. See Push-Pull Writing Rules.

Rotation, Forearm Up
Forearm Parallel with Front Wall

class

close

finish

Rotation, Forearm Forward Forearm Parallel with Floor

happen

break

dead

When the forearm is parallel with the floor, but pointing side, the "axis-line" is a single horizontal line pointing side.

Forearm points sideways, rotates


Right forearm is side, parallel with the floor. Rotation describes the curve forward, up and over. The forearm does not travel, but stays in place as it rotates.

Right forearm is side, parallel with the floor. Rotation describes the curve back, up and over. The forearm does not travel, but stays in one place as it rotates.

Right forearm is side, parallel with the floor. Rotation describes the curve forward, down and under. The forearm does not travel, but stays in place.

Right forearm is side, parallel with the floor. Rotation describes the curve back, down and under. The forearm does not travel, but stays in one place as it rotates.

Rotation, Forearm Side
Forearm Parallel with Floor

third

apple

begin

Side-Over \&
Side-Down-Side Rotations

Side-Under \&
Side-Up-Side Rotations


1. Side-Over

Single Rotation


1. Side-Under Single Rotation
2. Side-Over

Double Rotation

2. Side-Under Double Rotation
3. Side-Over Alternating Rotation

3. Side-Under Alternating Rotation
4. Side-Down-Side Single Rotation

4. Side-Up-Side Single Rotation

5. Side-Down-Side

Double Rotation

6. Side-Down-Side Alternating Rotation

aerobics

baptism

broom

Forward-Over \&
Back-Over Rotations

Forward-Under \&
Back-Under Rotations


1. Forward-Over
Single Rotation

2. Forward-Under Single Rotation

3. Forward-Over

Double Rotation

2. Forward-Under Double Rotation

3. Forward-Over Alternating Rotation

4. Back-Over

Single Rotation
t.- $\quad \begin{aligned} & \text { 4. Back-Under } \\ & \text { Single Rotation }\end{aligned}$

5. Back-Over

Double Rotation

5. Back-Under

Double Rotation
6. Back-Over


Alternating Rotation

6. Back-Under Alternating Rotation

apple

bald

weight

Forward-Side \&
Back-Side Rotations

Side-Forward-Side \&
Side-Back-Side Rotations

| 1. Forward-Side |
| :--- |
| Single Rotation |


| 2. Forward-Side |
| :--- |
| Double Rotation |


| 3. Forward-Side |
| :--- |
| Alternating Rotation |


| 2. Back-Side |
| :--- |
| Dingle Rotation |

6. Back-Side

blue

comparison

books

## Traveling Rotation

A few movement symbols combine "traveling" movement with an added rotation. The forearm rotates as the arm moves in a specific direction. The rotation symbol is placed on the stem line of the arrow.


1. Wall-Plane-Twist
Straight With Rotation
2. Wall-Plane-Twist-Twist Straight With Rotation
3. Wall-Plane-Twist-Shake

Straight With Rotation


1. Floor-Plane-Twist Straight With Rotation


## Shaking Rotation

Shaking Rotation does not define how many rotations you make. Instead, it is a fast, shaking motion. It can be written with or without an arrowhead. The dark and light arrowheads are needed at times, to show which arm is doing the shaking:


Shaking Movement, Forearm Up or Down, Parallel with the Wall Plane


Shaking Movement, Forearm Forward, Parallel with the Floor Plane

## Wrist-Flexing Movement

The wrist remains stable while the hand moves in different directions. This flexing motion is written with a horizontal line cutting the wrist. The horizontal line represents the axis of motion. Small arrows point in the direction of the flexing motion. The arrows represent the direction of the hand as it moves.

ASL Sign For "Yes-Yes"
Wrist Flexing Down Twice


ASL Sign For "Flag"
Wrist Flexing Forward and Back Towards the Chest

chat

before

basketball


## Circular Movement

## Arm Circles

Arm circles parallel to the Wall Plane are double-stemmed circles. Arrows mark exactly where the circular movement starts. When reading Circle Symbols, place your hand where the arrows are located on the circle, and then move in the direction of the arrows.

Single Arm Circles<br>Side-To-Side<br>Parallel Wall Plane


2. One Circle Starts High-Diagonal-Right
3. One Circle Starts Right Side
4. One Circle Starts Low-Diagonal-Right
5. One Circle Starts Low
6. One Circle Starts Low-Diagonal-Left

## 7. One Circle Starts Left Side

8. One Circle Starts

High-Diagonal-Left

Double Arm Circles
Side-To-Side
Parallel Wall Plane


1. Two Circles

Start High
2. Two Circles Start High-Diagonal-Right
3. Two Circles Start Right Side
4. Two Circles Start Low-Diagonal-Right
5. Two Circles Start Low
6. Two Circles Start

Low-Diagonal-Left
7. Two Circles

Start Left Side
8. Two Circles Start

High-Diagonal-Left

Single Circles
Forward-Back
Sagittal \& Floor Planes
$\theta$

$\rightarrow 4$
3. Forward-Back Circle Parallel with Floor

4. Forward-Back Circle Left Low Diagonal
5. Forward-Back Circle

Parallel with Side Wall
6. Forward-Back Circle
Right Low Diagonal
7. Forward-Back Circle


Parallel with Floor

8. Forward-Back Circle

Right High Diagonal

Double Circles
Forward-Back
Sagittal \& Floor Planes

## 슨 <br> 1. Forward-Back Circle Parallel with Side Wall


2. Forward-Back Circle Left High Diagonal
3. Forward-Back Circle Parallel with Floor
4. Forward-Back Circle Left Low Diagonal
5. Forward-Back Circle Parallel with Side Wall
6. Forward-Back Circle Right Low Diagonal
7. Forward-Back Circle

Parallel with Floor
8. Forward-Back Circle Right High Diagonal

ideas

international

inferior

Wrist Circles
Wrist circles are written with solid lines. Arrows are placed outside the circle. When reading Wrist Circle Symbols, place your hand at the arrow, and then move in that direction.

Single Wrist Circles<br>Side-To-Side<br>Parallel Wall Plane



## 1. One Circle <br> Starts High


2. One Circle Starts High-Diagonal-Right
3. One Circle

Starts Right Side
4. One Circle Starts


Low-Diagonal-Right
5. One Circle


Starts Low
6. One Circle Starts

Low-Diagonal-Left
7. One Circle

Starts Left Side
8. One Circle Starts

High-Diagonal-Left

Double Wrist Circles
Side-To-Side
Parallel Wall Plane


1. Two Circles
Start High
2. Two Circles Start High-Diagonal-Right
3. Two Circles

Start Right Side
4. Two Circles Start Low-Diagonal-Right
5. Two Circles

Start Low
6. Two Circles Start Low-Diagonal-Left
7. Two Circles

Start Left Side
8. Two Circles Start

High-Diagonal-Left

| Single Wrist Circles | Double Wrist Circles |
| :--- | :--- |
| Forward-Back | Forward-Back |
| Sagittal \& Floor Planes | Sagittal \& Floor Planes |

1. Forward-Back Circle Parallel with Side Wall

2. Forward-Back Circle Parallel with Side Wall
3. Forward-Back Circle Parallel with Side Wall
4. Forward-Back Circle
O. Parallel with Side Wall
5. Forward-Back Circle

Parallel with
Floor
6. Forward-Back Circle
-) Parallel with Floor

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1. Forward-Back Circle Parallel with Side Wall
2. Forward-Back Circle Parallel with Side Wall
3. Forward-Back Circle Parallel with Side Wall
4. Forward-Back Circle

Parallel with Side Wall
5. Forward-Back Circle Parallel with
Floor
6. Forward-Back Circle

Parallel with Floor

who

hearing person

beautiful

## Arm \＆Wrist Circles

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## Facial Expressions

There are ten groups of facial expressions, including the forehead, eyebrows, eyes \& eyegaze, ears \& cheeks, breathing \& nose, mouth, tongue, teeth, chin and other parts.

## Facial Circle



Neutral
Facial Circle

## Eyebrows



Right Eyebrow Up

Forehead


Right Eyebrow Down

Left Eyebrow Down

Eyebrows continued...


Eyebrows Down Inside

Right Eyebrow Down Inside

Left Eyebrow Down Inside

Eyebrows Up Inside

Right Eyebrow Up Inside


Left Eyebrow Up Inside



Right Eyebrow Down Outside




Right Eyebrow Up Outside


Left Eyebrow Up Outside

## Eyes



## Eyegaze



## Ears



Ears


Right Ear


Left Ear

## Cheeks



Whole Face Over To The Left


Mouth
continued...

| $0$ | Oval Open Mouth Horizontal | Double Wrinkles Left Side Mouth |
| :---: | :---: | :---: |
|  | Rectangular Open Mouth Horizontal | Single Wrinkles Around Mouth |
|  | Oval Open Mouth Vertical (Yawn) | Single Wrinkle Right Side Mouth |
|  | Rectangular Open Mouth Vertical | Single Wrinkle Left Side Mouth |
|  | Kiss | Tense Lips |
|  | Kiss Protrudes Forward | Tense Lips Protrude Forward |
|  | Lips Sucked In Pressed Together | Tense Lips Sucked Back |
|  | Upper Lip Over Lower Lip | Lip Corners Both Up |
|  | Lower Lip Over Upper Lip | Lip Corner <br> Up Right |
| $\left(\begin{array}{ll}  \\ (c) \end{array}\right)$ | Double Wrinkles Around Mouth | Lip Corner Up Left |
|  | Double Wrinkles Right Side Mouth | Upper Lip Up In the Middle |

## Tongue




Tongue Licks Lip Outside \& Up Diagonal


Tongue Licks Lip Outside \& Side


Tongue Licks Lip Outside \& Down Diagonal

Tongue Licks Lip Outside \& Side


Tongue Licks Lip Outside \& Up Diagonal

Tongue
continued...


Tongue Inside
Rests Roof Mouth


Tongue Inside Rests Down Diagonal


Tongue Inside
Rests Bottom


Tongue Inside Rests Down Diagonal


Tongue Inside
Rests Right Side

Tongue Inside
Rests Up Diagonal

(\#) $\begin{aligned} & \text { Teeth Bite } \\ & \text { Right Side of Lip }\end{aligned}$


## Chin





Chin Down


Chin
Down-Diagonal


Chin Side


Chin Up-Diagonal

continued...

## Other



Chin
Forward-Diagonal

Chin Side


Chin
Back-Diagonal


Chin Back


Chin
Back-Diagonal

Chin Side


Chin
Forward-Diagonal


Hair


The Head

## The Head

The Head can be seen from different viewpoints:


## Rim of Head \& Face

Front View
Rim of
Front of Face

Back View
Rim of
Back of Head


Rim Back of Head Low (Above Neck)


Rim Back of Head Diagonal Low


Rim Back of Head Behind Ear


Rim Back of Head Diagonal High


Rim Back of Head High


Rim Back of Head Diagonal High


Rim Back of Head Behind Ear


Rim Back of Head Diagonal Low

## Rim of Head \& Face

Top View
Rim of Top of Head


Rim Top of Head Diagonal Back


Rim Top of Head Side

Rim Top of Head Diagonal Forward


Rim Top of Head Forward


Rim Top of Head Diagonal Forward


Rim Top of Head Side


Rim Top of Head Diagonal Back

Side View
Rim of Side of Head


Rim Side of Head Under Ear


Rim Side of Head Diagonal Low

Rim Side of Head Towards Nose

Rim Side of Head Diagonal High

Rim Side of Head Over Ear

Rim Side of Head Diagonal High


Rim Side of Head Towards Back
 Rim Side of Head Diagonal Low

## Rim of Head \& Face

Front View Relating To The Side of Head


Relating to Under Chin


Relating to Side of Head Down Diagonal


Relating to Side of Head


Relating to Side of Head Up Diagonal


Relating to Top of Head



Relating to Side of Head

Relating to Side of Head Down Diagonal

Front View
Touching The
Side of Head


Touching
Under Chin

Touching
Side of Head
Down Diagonal



Touching Side of Head Up Diagonal


Touching
Top of Head


Touching
Side of Head Up Diagonal


Touching Side of Head


Touching
Side of Head
Down Diagonal

Head Movement
Face－Direction Movement Symbols
The nose moves in the direction of the arrows．
The neck bends and stretches as the nose moves．




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Head Movement
Head-Direction Movement Symbols
The entire head travels in the direction of the arrows.
The nose remains straight, and the neck does not bend.


## Head Positions

## Face Direction Lines

This is not movement. It is a stable position marking the direction of the nose and face, relating to the shoulders.



The Body

## Shoulder Positions \& Movements

| Sight Shoulder Up (Position) |
| :--- | :--- |
| Bight Shoulder Down (Position) |
| Soth Shoulders Down (Position) |
| Shoulders Up (Position) |

## Torso (Upper Body) Positions \& Movements



## Upper Body Tilts

Rocking Motion from the Hip Joint
The upper body tilts or rocks back and forth. The neck and torso do not bend. They remain straight, moving in a unit from the hip joints.



Dynamics

## Dynamics Symbols

1. Movement Dynamics are small symbols placed near movement arrows. They indicate movement that is fast, slow, smooth, tense, relaxed, simultaneous, alternating, and uneven-alternating:

2. Handshape Dynamics mark classifiers. They mark a hand that is held in one place for a long time.

3. Facial Dynamics show tense or relaxed facial muscles. The Tense Symbol is used for lips that press together, for raised cheeks, and for squeezed eyes.

4. Punctuation Dynamics show the speed, timing and quality of entire phrases and sentences.

5. Unit Dynamics marks the influence of one symbol on a whole group of signs. The Unit-Connecting Line is used to show one facial expression influencing several signs.


## Movement Dynamics

Simultaneous Line
Both hands move at the same time.

| Alternating Lines |
| :--- |
| The right hand moves in one direction, while the |
| left moves simultanously in the opposite direction. |
| Un-Even Alternating |
| One Moves While The Other One Is Still |
| The right hand moves while the left remains still. |
| Then the left moves while the right remains still. |
| Slow Movement |
| Smooth Movement |
| Fast Movement |
| Fense Movement with Emphasis |
| Tense Movement with Emphasis |

Telaxed Movement with Emphasis

## Handshape Dynamics Writing Classifiers

Classifiers are written with the handshape, plus a Classifier
 Marker. The Classifier Marker is a Tension Symbol. It is placed under the handshape.

In this sentence, Goldilocks sees a bowl of porridge. The bowl is established in space by a feeling of tension, a little like the feeling of placing something on a table. It anchors the visual picture of a bowl in space. The Tension Symbol marks that feeling. It is always placed under the handshapes.

Once the classifier is established, one hand continues to mark the classifier, held in the same position, while the other hand does other signs. The Tension Symbol remains under the hand that marks the classifier.

Goldilocks is discussing the porridge. She is saying that she sees the bowl, and then eats the porridge from it. But the porridge is too hot!!


## Facial Dynamics

## Related To Handshape Dynamics

Facial expressions are essential to writing Sign Language stories and literature. They mark grammar and emphasis. The Tense Lips symbol shows the dynamics of the lips tensing as the hand is established in space by a classifier. Tension on the lips and near the hands are oftentimes written together.

Below: The Classifer for "bed" in American Sign Language, is written with a Tension Symbol under the handshape to mark the classifier. At the same time, the lips also tense, giving the feeling of "anchoring the classifier" in space.


This bed is placed to the left side. It is established in the left space, to the left of the facial expression.

The lips tense as the classifier is placed in space.


This bed is placed in the center. It is established in the center space, directly under the facial expression.

The lips tense as the classifier is placed in space.


This bed is placed to the right side. It is established in the right space, to the right of the facial expression.

The lips tense as the classifier is placed in space.

## Unit Dynamics

 Unit-Connecting LinesInfluence is written with a UnitConnecting Line.

The Unit-Connecting Line is useful for Sign Language researchers. It is used to show the influence of one facial expression on a group of signs.

When one symbol influences a group of symbols or signs, the symbol that is influencing the group is written first. Then a line is written, like a bracket, connecting the symbol with the group it influences.

When SignWriting is written vertically, the Unit Connecting Line is written to the side of the vertical column, as shown here. The Unit Line is grey or lighter than the signs.

In Spain, the Unit Connecting Line is used for horizontal SignWriting literature. When writing horizontally, the Unit Connecting Line is written under or over the writing.

In Sutton DanceWriting, the UnitConnecting Line is used often to show the influence of one movement symbol on a group of other symbols. In SignWriting, it is rarely used for everyday use.



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Punctuation

# Punctuation 

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## PAUSE

(similar to a Comma in English)

END OF SENTENCE
(similar to a Period in English).

## PAUSE BEFORE END OF PHRASE

 (similar to a Semi-Colon in English).
## QUESTIONING PAUSE BEFORE END OF PHRASE

 (similar to a Question Mark in English).When a sentence or phrase ends in a question, there is a slight pause at the end. The semi-colon symbol is used to write that pause at the end, but it must be combined with signs that write the grammatically necessary Facial Expressions and Head Movements that occur in sign languages when asking questions, including Head Forward and Eyebrows Up or Down.

## PAUSE BEFORE LISTING ITEMS

(similar to a Colon in English.)
This is used in the middle of a sentence, marking a new phrase that lists items 1, 2, 3 and so on.

## PAUSE BEFORE \& AFTER A SUB-PHRASE

(similar to Parentheses in English.)
Marks a second thought inside a sentence, starting with the curved-up symbol and ending in the curved down parentheses.

## Punctuation Dynamics

Sign Language sentences with feeling!

SignWriting, like other writing systems, has punctuation. A dark line at the end of a SignWriting sentence is the equivalent to a period in English. It marks the end of the sentence orphrase. Two lines represent a pause, or comma.

SignWriting can add more feeling to sentences by adding Dynamics Symbols to the Punctuation.

The FastSymbol represents a sentence executed quickly, with speed. This is similar to an Exclamation Point in English.

Slow, Smooth, Tense and Relaxed Dynamic Symbols can also be placed near Punctuation Symbols to give the feeling of slow, smooth, tense or relaxed sentences.



English Translation: Writing ASL from the Deaf perspective.


English Translation: Where is the house?


English Translation: Baby Bear asks "Who are you?"
Goldilocks saw the bears, became frightened,
shot out of the house, and ran all the way home.


Writing Signs \& Sign Literature

# Writing Signs 

## SignSpelling Guideline 1 First, write the Position of Contact

When starting to write a sign, ask yourself: "Is there a Position of Contact in this sign?". Are the hands contacting each other? Are the hands contacting the Face or Body? Write that Position of Contact first, which becomes the "Center of the Sign".

When writing the Position of Contact, try to place the two contacting symbols as close to each other as possible. Try to make it look like it does in real life. There should be very little space between the two contacting symbols.

SignSpellings revolve around the Position of Contact like a small universe. The Position of Contact is the Center of the Sign, and the Movement and Contact Symbols relate to that center.


The Position of Contact is important because it holds the meaning in a sign. The eye focuses on the Position of Contact when reading. The Position of Contact is like a unit.

Writing the Position of Contact also creates smaller signs in width and height, which makes writing in vertical columns more centered and compact, making the columns themselves less wide.

Writing the Position of Contact gives a visual picture of the sign. Since you can see the two hands are touching by their close placement, the single Touch Contact Star is rarely necessary. It is not wrong to write the single Touch Contact Star, but it is not necessary either. This simplifies the writing of signs.

Double Touch Contact Stars are written no matter what, because Double Touch, or Touch-Touch, is a movement, not a position. It is only single Touch Contact Stars that can be eliminated.

## SignSpelling Guideline 1

The two contacting symbols, such as the Hands and Face, are written close to each other. Then Movement Symbols are placed nearby.

Sometimes the entire sign is nothing but the Position of Contact, with no other symbols needed.


## Writing Signs

## SignSpelling Guideline 2 Every Sign Has A Center

Every sign has a Center, like a little universe (the Sun is the center and the planets rotate around it). The Center of the Sign gives the sign focus for the reader. It is an Anchor, that grabs your attention.

1. The Position of Contact is usually the Center of the Sign:

2. If there is NO contact, then the Beginning Position is the Center:

3. Movement Symbols relate to the Center like planets rotating around the Sun in 8 possible directions.


The beginning handshape is in the middle of space. The movement symbol "drags the handshape" in different directions.

The beginning handshape is placed near the beginning stem of the arrow.

## Writing Signs

## SignSpelling Guideline 3 Step-by-Step Writing Process

1. The Position of Contact is written first. It is the Center of the sign.

2. There are 8 possible placements of Movement Symbols around the Center. The arrows PULL or DRAG the hands in the direction of the arrow. Imagine a Movement wheel with 8 spokes:


## Step-by-Step Writing Process continued

3. Choose the arrow from the Movement Wheel

If the movement is straight UP, choose the UP arrow. Keep the UP arrow in the same spatial-relationship to the CENTER as it was when all the other arrows were in the Wheel. The UP arrow, in other words, is always placed ABOVE the CENTER of the sign, pulling it UP:


## Step-by-Step Writing Process continued

If the movement is straight FORWARD, choose the FORWARD arrow. Keep the FORWARD arrow in the same spatial-relationship to the CENTER as it was when all the other arrows were in the Wheel.

The FORWARD arrow, in other words, is always placed ABOVE the CENTER of the sign, pulling it FORWARD:


## Step-by-Step Writing Process continued

If the movement is FORWARD-DIAGONAL, choose the FORWARDDIAGONAL arrow. Keep the FORWARD-DIAGONAL arrow in the same spatial-relationship to the CENTER as it was when all the other arrows were in the Wheel.

The FORWARD-DIAGONAL arrow is always placed above and to the diagonal:


The Back Arrow is placed BELOW the Center. This means the movement is coming straight back towards your chest...


## Step-by-Step Writing Process continued

If the movement is CURVED, choose the CURVE arrow needed. Keep the CURVED arrow in the same spatial-relationship to the CENTER as it was when all the other arrows were in the Wheel.


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Help All Of You

## Step-by-Step Writing Process continued

If the movement is a ROTATION ARROW, choose the ROTATION ARROW needed. Keep the ROTATION ARROW in the same spatial-relationship to the CENTER as it was when all the other arrows were in the Wheel.


If the curve of the Rotation Arrow is curved down, it is usually placed under the hands. If the curve of the Rotation Arrow is curved up, then it is usually placed above the hands.



## Step-by-Step Writing Process continued

EXCEPTION: Occasionally arrows can collide with other symbols, such as the Facial Circle or the Shoulder Line. When this happens there is no choice but to place the Movement Arrow a little to the side to avoid the collision. This happens mostly when contacting the Face.

Three ASL Signs that are exceptions:


If the Facial Circle had not been there, these signs would be written like this:


Charles-Michel de l'Épée


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## About This Article

## Charles-Michel de l’Éppe

written in American Sign Language by Adam Frost Based on an earlier article signed by Lucinda O'Grady in ASL on video and transcribed by Charles Butler Neto.

This article appears in the new ASL Wikipedia:
ASL WIKIPEDIA
http://www.signwriting.org/encyclopedia

# SignWriting Instruction 

SignWriting.org/lessons • SignWriting.org/shop


## 3 SignWriting Reference Manual <br> Manual 3: American Sign Language Hand Symbols

This 115-page sprial-bound reference manual devotes a full page to each of the 83 hand symbols used to write American Sign Language in SignWriting. Each page shows one handshape with 6 photos showing 6 different palm facings. The corresponding SignWriting symbol is placed next to each photo. Additional SignWriting instruction is included in the front and the back of the book. Written \& photographed by Deaf ASL professor Adam Frost in collaboration with Valerie Sutton. ISBN: 978-0-914336-82-2


## 4 SignWriting Lessons on the Web

Web lessons show moving handshapes with symbols Adam Frost's photos of his own hands move from one palm facing to another, on 261 web pages, each devoted to one of the 261 hand symbols of the ISWA 2010. This popular site is located in SignWriting Lessons Online. Take a visit:

ISWA 2010 Symbol Lessons Online Animated GIFs by Adam Frost http://www.signwriting.org/lessons/iswa/


## The SignWriting Press

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