











# Lessons in SignWriting

Textbook by Valerie Sutton



#### Lessons in SignWriting Textbook

by Valerie Sutton

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

Cartoons by Frank Allen Paul Illustrations by Ida Candelaria & Jayne Gunderson Photos of Hands & Body Diagrams by Adam Frost

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

This book was prepared with SignPuddle Online. SignPuddle Software by Stephen E. Slevinski, Jr

This manual is posted on the web: SignWriting Lessons Online http://www.SignWriting.org/lessons

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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...



Adam Frost



Lucinda O'Grady



Kevin Clark



#### This textbook coordinates with the Lessons In SignWriting®

#### 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.

View the Lessons in SignWriting Video Series on:

SignWriting YouTube Channel YouTube.com/signwriting

SignWriting Web Site SignWriting.org/lessons

DVD in SignWriting Shop SignWriting.org/shop



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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...



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

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their native language. I feel that we can use SignWriting in order to learn English. Deaf people will benefit greatly from books explaining English grammar and idioms in written ASL.

We can also use it to write down and preserve our stories, poetry and plays. As you know, there are many Deaf playwrights and poets, and up until now, they have not had a way to write the ASL in their literature.



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

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With SignWriting, you can....













## Write SignWriting on the web!

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



Language









MEET Signers Who Write Sign Language Too!

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## **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**?...

...or the **Receptive Viewpoint**?











## The 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 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:



know (hand on the left side)

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:



know (mouth pushed up on left side)

## **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 (mouth pushed up on right side)

know (mouth pushed up on the right side)















#### **3 Basic Handshapes**



#### Closed Fist

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

A **Closed 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 Fist

Both 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**









## **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:



1 finger up Open Fist



2 fingers up with Open Fist

### 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:





#### **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.

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.





Front View

The hand is parallel with the front wall.




















# **Palm Facing**

**Top View** 

The hand is parallel with the floor.











# **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 of the 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 View

The 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 Alphabet. 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
57	Ь	SymbolGroup 1	Index
2	В	SymbolGroup 2	Index Middle
	₹ L	SymbolGroup 3	Index Middle Thumb
¥	凶	SymbolGroup 4	Four Fingers
¥	举	SymbolGroup 5	Five Fingers
Y	出	SymbolGroup 6	Baby Finger
Y	Ъ	SymbolGroup 7	Ring Finger
Y	Я	SymbolGroup 8	Middle Finger
	名	SymbolGroup 9	Index Thumb
-	<b>D-</b>	SymbolGroup 10	Thumb



a	Ч	BaseSymbol 1	Index
<	d	BaseSymbol 2	Index on Circle
2	d	BaseSymbol 3	Index on Cup
~	٩	BaseSymbol 4	Index on Oval
>		BaseSymbol 5	Index on Hinge
-		BaseSymbol 6	Index on Angle
2	d	BaseSymbol 7	Index Bent
×	ď	BaseSymbol 8	Index Bent on Circle
Ì		BaseSymbol 9	Index Bent on Fist Thumb Under
1	Ľ	BaseSymbol 10	Index Raised Knuckle
R	a	BaseSymbol 11	Index Cup
	9	BaseSymbol 12	Index Hinge on Fist
	b	BaseSymbol 13	Index Hinge on Fist Low
	9	BaseSymbol 14	Index Hinge on Circle



**Top View** Hands Parallel To The Floor



# Front ViewHands Parallel With The WallImage: Image of the test of the test of the test of the test of test of

# **Top View** Hands Parallel To The Floor

dating

democracy

dinner





5	В	BaseSymbol 15	Index Middle
<	6	BaseSymbol 16	Index Middle on Circle
T.V.	2	BaseSymbol 17	Index Middle Bent
4	ű	BaseSymbol 18	Index Middle Raised Knuckles
	à	BaseSymbol 19	Index Middle Hinge
2		BaseSymbol 20	Index Up, Middle Hinge
	1	BaseSymbol 21	Index Hinge, Middle Up
		BaseSymbol 22	Index Middle Unit
N	ł	BaseSymbol 23	Index Middle Unit, Index Bent
-	1	BaseSymbol 24	Index Middle Unit, Middle Bent
2	a	BaseSymbol 25	Index Middle Unit, Cup
	6	BaseSymbol 26	Index Middle Unit, Hinge
	à	BaseSymbol 27	Index Middle Cross
	8	BaseSymbol 28	Index Middle Cross on Circle
	à	BaseSymbol 29	Middle Bent Over Index
	ł	BaseSymbol 30	Index Bent Over Middle

Hands Parallel With The Wall



**Top View** Hands Parallel To The Floor









read

.♦



twenty-two

two of them

# Group 3 Index Middle Thumb

al-	予	BaseSymbol 31	Index Middle Thumb
t	4	BaseSymbol 32	Index Middle Thumb on Circle
X	<b>a</b> ⊧	BaseSymbol 33	Index Middle Straight, Thumb Bent
4	<b>1</b> -	BaseSymbol 34	Index Middle Bent, Thumb Straight
4	<b>1</b>	BaseSymbol 35	Index Middle Thumb Bent
Y	1	BaseSymbol 36	Index Middle Hinge Spread, Thumb Side
*		BaseSymbol 37	Index Up, Middle Hinge, Thumb Side
1	h	BaseSymbol 38	Index Up, Middle Hinge, Thumb Unit
1	1	BaseSymbol 39	Index Hinge, Middle Up, Thumb Side
	-à	BaseSymbol 40	Index Middle Up Spread, Thumb Forward
	<b>3</b>	BaseSymbol 41	Index Middle Thumb Cup
9	<b>°</b> 1	BaseSymbol 42	Index Middle Thumb Circle
1	Ŷ	BaseSymbol 43	Index Middle Thumb Hook



3	⊲∎	BaseSymbol 44	Index Middle Thumb Hinge
	*⊡	BaseSymbol 45	Thumb Between Index Middle Straight
	₫	BaseSymbol 46	Index Middle Unit, Thumb Side
4	╝	BaseSymbol 47	Index Middle Unit, Thumb Side Unit
	₫	BaseSymbol 48	Index Middle Unit, Thumb Side Bent
2	4	BaseSymbol 49	Middle Thumb Hook, Index Up
	۲	BaseSymbol 50	Index Thumb Hook, Middle Up
	2	BaseSymbol 51	Index Middle Unit Hinge, Thumb Side
	<b>à</b> /	BaseSymbol 52	Index Middle Cross, Thumb Side
$\checkmark$		BaseSymbol 53	Index Middle Unit, Thumb Forward
2	₽	BaseSymbol 54	Index Middle Unit Cup, Thumb Forward
2	d	BaseSymbol 55	Middle Thumb Cup, Index Up
~	зł	BaseSymbol 56	Index Thumb Cup, Middle Up



\_\_\_\_\_

a	₄	BaseSymbol 57	Middle Thumb Circle, Index Up
	٩	BaseSymbol 58	Middle Thumb Circle, Index Hinge
-	*₫	BaseSymbol 59	Index Thumb Angle Out, Middle Up
1	*1	BaseSymbol 60	Index Thumb Angle In, Middle Up
-	ન	BaseSymbol 61	Index Thumb Circle, Middle Up
R	┓	BaseSymbol 62	Index Middle Thumb, Unit Hinge
1	÷.	BaseSymbol 63	Index Middle Thumb, Angle Out
A	₹	BaseSymbol 64	Index Middle Thumb, Angle
T	4	BaseSymbol 65	Middle Thumb Angle Out, Index Up
	*	BaseSymbol 66	Middle Thumb Angle Out, Index Crossed
	4	BaseSymbol 67	Middle Thumb Angle, Index Up
Y	⊀∎	BaseSymbol 68	Index Thumb Hook, Middle Hinge

## Front View Hands Parallel With The Wall



**Top View** Hands Parallel To The Floor



# Group 4 Four Fingers

¥	凶	BaseSymbol 69	Four Fingers
Sec.	Ť	BaseSymbol 70	Four Fingers Bent
	Ĩ	BaseSymbol 71	Four Fingers Hinge
	A	BaseSymbol 72	Four Fingers Unit
2p	Ħ	BaseSymbol 73	Four Fingers Unit Split
1	٦	BaseSymbol 74	Four Fingers Unit Claw
1	E	BaseSymbol 75	Four Fingers Unit Bent
7	-1	BaseSymbol 76	Four Fingers Unit Hinge

Hands Parallel With The Wall



# **Top View** Hands Parallel To The Floor





four of them







# talk-talk-talk



forty-four

¥	长	BaseSymbol 77	Five Fingers Spread
1	当	BaseSymbol 78	Five Fingers Spread Heel
1	Ŷ	BaseSymbol 79	Five Fingers Spread, Four Bent
	<b>2</b>	BaseSymbol 80	Five Fingers Spread, Four Bent Heel
1	Ŷ	BaseSymbol 81	Five Fingers Spread Bent
	<b>2</b>	BaseSymbol 82	Five Fingers Spread Bent Heel
4	খ	BaseSymbol 83	Five Fingers Spread, Thumb Forward
2	1	BaseSymbol 84	Five Fingers Spread Cup
2	Ð	BaseSymbol 85	Five Fingers Spread Cup Open
3	Ð	BaseSymbol 86	Five Fingers Spread Hinge Open
	1	BaseSymbol 87	Five Fingers Spread Oval
3	1	BaseSymbol 88	Five Fingers Spread Hinge
	<b>1</b> -	BaseSymbol 89	Five Fingers Spread Hinge, Thumb Side
	<b>N</b>	BaseSymbol 90	Five Fingers Spread Hinge, No Thumb
	Û	BaseSymbol 91	Flat

1 BaseSymbol 92 Flat, Between Palm Facings BaseSymbol 93 Flat Heel — N BaseSymbol 94 Flat, Thumb Side BaseSymbol 95 Flat, Thumb Side Heel ۱Þ BaseSymbol 96 Flat, Thumb Bent 1 -1 BaseSymbol 97 Flat, Thumb Forward ſŁ BaseSymbol 98 Flat Split Index, Thumb Side 1 M BaseSymbol 99 Flat Split Center 1 1 BaseSymbol 100 Flat Split Center, Thumb Side <u>ال</u> BaseSymbol 101 Flat Split Center, Thumb Side Bent 1 η BaseSymbol 102 Flat Split Baby 1 BaseSymbol 103 Claw 1 ٦Ŀ BaseSymbol 104 Claw, Thumb Side T ٦ BaseSymbol 105 Claw, No Thumb Л BaseSymbol 106 Claw, Thumb Forward

		BaseSymbol 107	Hook Curlicue
	٦	BaseSymbol 108	Hook
-	C	BaseSymbol 109	Cup Open
2	٦	BaseSymbol 110	Cup
Y	ᡅ	BaseSymbol 111	Cup Open, Thumb Side
7	V	BaseSymbol 112	Cup, Thumb Side
	נ	BaseSymbol 113	Cup Open, No Thumb
7	า	BaseSymbol 114	Cup, No Thumb
-	נ	BaseSymbol 115	Cup Open, Thumb Forward
~	ם	BaseSymbol 116	Cup, Thumb Forward
*	9	BaseSymbol 117	Curlicue Open
1	9	BaseSymbol 118	Curlicue
9	0	BaseSymbol 119	Circle
1	D	BaseSymbol 120	Oval
Y	1	BaseSymbol 121	Oval, Thumb Side
7	1	BaseSymbol 122	Oval, No Thumb

3		BaseSymbol 123	Oval, Thumb Forward
$\mathbf{A}$	Ĺ	BaseSymbol 124	Hinge Open
	ב	BaseSymbol 125	Hinge Open, Thumb Forward
Z		BaseSymbol 126	Hinge
K	7	BaseSymbol 127	Hinge Small
Y	λ	BaseSymbol 128	Hinge Open, Thumb Side
7	<b>-</b>	BaseSymbol 129	Hinge, Thumb Side
	>	BaseSymbol 130	Hinge Open, No Thumb
		BaseSymbol 131	Hinge, No Thumb
1	על	BaseSymbol 132	Hinge, Thumb Side Touches Index
St	<b>-</b> *0	BaseSymbol 133	Hinge, Thumb Between Middle Ring
T		BaseSymbol 134	Angle

Hands Parallel With The Wall













America

cool (very fine)

hello

**Top View** Hands Parallel To The Floor









wait





snow

condense

# Front View Hands Parallel With The Wall



# **Top View** Hands Parallel To The Floor





Y	出	BaseSymbol 135	Index Middle Ring
Y	8	BaseSymbol 136	Index Middle Ring on Circle
2	∄	BaseSymbol 137	Index Middle Ring on Hinge
1	4	BaseSymbol 138	Index Middle Ring on Angle
Y	⊮	BaseSymbol 139	Baby Hinge
AL.	ľ	BaseSymbol 140	Index Middle Ring, Bent
	≝	BaseSymbol 141	Index Middle Ring, Unit
7	ñ	BaseSymbol 142	Index Middle Ring, Unit Hinge
1		BaseSymbol 143	Baby Down
3	₩	BaseSymbol 144	Baby Down, Ripple Straight
2	1∎∕	BaseSymbol 145	Baby Down, Ripple Curved
1	4	BaseSymbol 146	Baby Down, Others Circle
1	٦	BaseSymbol 147	Baby Up
#### Group 6 Baby Finger

1	1	BaseSymbol 148	Baby Up on Fist Thumb Under
1	ď	BaseSymbol 149	Baby Up on Circle
1	21	BaseSymbol 150	Baby Up on Oval
7	<b>-</b> \$1	BaseSymbol 151	Baby Up on Angle
1	1	BaseSymbol 152	Baby Raised Knuckle
<b>?</b>	6	BaseSymbol 153	Baby Bent
1	۵	BaseSymbol 154	Baby Touches Thumb
Y		BaseSymbol 155	Baby Thumb
7	٦ŀ	BaseSymbol 156	Baby Thumb on Hinge
1	7	BaseSymbol 157	Baby Index Thumb
-	-	BaseSymbol 158	Baby Index Thumb on Hinge
1	Ť.	BaseSymbol 159	Baby Index Thumb, Index Thumb Angle Out
	4	BaseSymbol 160	Baby Index Thumb, Index Thumb Angle
4	Ы	BaseSymbol 161	Baby Index
4	๖	BaseSymbol 162	Baby Index on Circle
1	1	BaseSymbol 163	Baby Index on Hinge
-	₹	BaseSymbol 164	Baby Index on Angle

#### **Front View** Hands Parallel With The Wall





sixteen





six hours





six thousand

**Top View** Hands Parallel To The Floor







six of them



six weeks





sixty-six



Y	A	BaseSymbol 165	Index Middle Baby
4	Ø	BaseSymbol 166	Index Middle Baby on Circle
1	わ	BaseSymbol 167	Index Middle Baby on Hinge
Y	¥	BaseSymbol 168	Ring Hinge
V	<del>ا</del> لح	BaseSymbol 169	Index Middle Baby on Angle
	4	BaseSymbol 170	Index Middle Cross with Baby
4	4	BaseSymbol 171	Index Middle Cross with Baby on Circle
	₽	BaseSymbol 172	Ring Down
-V	₩	BaseSymbol 173	Ring Down, Index Thumb Hook, Middle Hinge
1	<b>*1</b>	BaseSymbol 174	Ring Down, Middle Thumb Angle, Index Cross
	ì	BaseSymbol 175	Ring Up
	Ô	BaseSymbol 176	Ring Raised Knuckle
	Ъ	BaseSymbol 177	Ring Baby

#### Group 7 Ring Finger

4	b	BaseSymbol 178	Ring Baby on Circle
V	4	BaseSymbol 179	Ring Baby on Oval
Y	₹	BaseSymbol 180	Ring Baby on Angle
	ł	BaseSymbol 181	Ring Middle
	4	BaseSymbol 182	Ring Middle Unit
	ä	BaseSymbol 183	Ring Middle Raised Knuckles
	Ы	BaseSymbol 184	Ring Index
Y	Þ	BaseSymbol 185	Ring Thumb
1	2	BaseSymbol 186	Ring Thumb Hook

#### **Front View**

Hands Parallel With The Wall













seven thousand

seventeen

seven hours

**Top View** Hands Parallel To The Floor









seven of them

seven weeks



seventy-seven

#### Group 8 Middle Finger

	Я	BaseSymbol 187	Index Ring Baby
	4	BaseSymbol 188	Index Ring Baby on Circle
4	<b>A</b>	BaseSymbol 189	Index Ring Baby on Curlicue
N	*	BaseSymbol 190	Index Ring Baby on Hook Out
1	¥	BaseSymbol 191	Index Ring Baby on Hook In
V	₹	BaseSymbol 192	Index Ring Baby on Hook Under
4	Ъ	BaseSymbol 193	Index Ring Baby on Cup
$\checkmark$	₹	BaseSymbol 194	Index Ring Baby on Hinge
1	*	BaseSymbol 195	Index Ring Baby on Angle Out
*	*	BaseSymbol 196	Index Ring Baby on Angle
	₩	BaseSymbol 197	Middle Down
1	-#	BaseSymbol 198	Middle Hinge

# Group 8 Middle Finger

	d	BaseSymbol 199	Middle Up
1	4	BaseSymbol 200	Middle Up on Circle
	ů	BaseSymbol 201	Middle Raised Knuckle
P	d.	BaseSymbol 202	Middle Up, Thumb Side
1	à	BaseSymbol 203	Middle Thumb Hook
7	4	BaseSymbol 204	Middle Thumb Baby
	Я	BaseSymbol 205	Middle Baby

#### Front View Hands Parallel With The Wall











eight hours





eight thousand

**Top View** Hands Parallel To The Floor







eight of them







eighty-eight



	名	BaseSymbol 206	Middle Ring Baby
Ì	ď	BaseSymbol 207	Middle Ring Baby on Circle
V	4	BaseSymbol 208	Middle Ring Baby on Curlicue
V	ď	BaseSymbol 209	Middle Ring Baby on Cup
Ž	₹	BaseSymbol 210	Middle Ring Baby on Hinge
Y	*	BaseSymbol 211	Middle Ring Baby on Angle Out
V	*	BaseSymbol 212	Middle Ring Baby on Angle In
V	4	BaseSymbol 213	Middle Ring Baby on Angle
9	8	BaseSymbol 214	Middle Ring Baby Bent
1		BaseSymbol 215	Middle Ring Baby Unit on Claw
1	4	BaseSymbol 216	Middle Ring Baby Unit on Claw Side
1	×	BaseSymbol 217	Middle Ring Baby Unit on Hook Out

# Group 9 Index Thumb

	4	BaseSymbol 218	Middle Ring Baby Unit on Hook In
P	4	BaseSymbol 219	Middle Ring Baby Unit on Hook
	-	BaseSymbol 220	Index Hinge
-		BaseSymbol 221	Index Thumb Side
-	-	BaseSymbol 222	Index Thumb Side on Hinge
		BaseSymbol 223	Index Thumb Side, Thumb Diagonal
0		BaseSymbol 224	Index Thumb Side, Thumb Unit
0		BaseSymbol 225	Index Thumb Side, Thumb Bent
7	i-	BaseSymbol 226	Index Thumb Side, Index Bent
2	÷	BaseSymbol 227	Index Thumb Side, Both Bent
7	<u>b</u> -	BaseSymbol 228	Index Thumb Side, Index Hinge
	-0	BaseSymbol 229	Index Thumb Forward, Index Straight
1	-1	BaseSymbol 230	Index Thumb Forward, Index Bent

#### Group 9 Index Thumb

4	<b>∛</b> ∎	BaseSymbol 231	Index Thumb Hook
1	٩ı	BaseSymbol 232	Index Thumb Curlicue
1	1	BaseSymbol 233	Index Thumb Curve, Thumb Inside
1	<b>^1</b>	BaseSymbol 234	Index Thumb Curve, Thumb Inside on Claw
	Ŷ	BaseSymbol 235	Index Thumb Curve, Thumb Under
9	91	BaseSymbol 236	Index Thumb Circle
3	3	BaseSymbol 237	Index Thumb Cup
2	3	BaseSymbol 238	Index Thumb Cup Open
~	<b></b>	BaseSymbol 239	Index Thumb Hinge Open
-		BaseSymbol 240	Index Thumb Hinge Large
~	7	BaseSymbol 241	Index Thumb Hinge
		BaseSymbol 242	Index Thumb Hinge Small
1	עי	BaseSymbol 243	Index Thumb Angle Out
1	T.	BaseSymbol 244	Index Thumb Angle In
		BaseSymbol 245	Index Thumb Angle

#### Front View Hands Parallel With The Wall











**Fridays** 

interpret

form

**Top View** Hands Parallel To The Floor





nine of them





decide





ninety-nine



**Top View** Hands Parallel To The Floor





both of us





little





language

# Group 10

	┏-	BaseSymbol 246	Thumb
7	□-	BaseSymbol 247	Thumb Heel
7	•	BaseSymbol 248	Thumb Side Diagonal
?		BaseSymbol 249	Thumb Side Unit
7	₽	BaseSymbol 250	Thumb Side Bent
4		BaseSymbol 251	Thumb Forward
1	d	BaseSymbol 252	Thumb Between Index Middle
1	Ċ	BaseSymbol 253	Thumb Between Middle Ring
7	ù	BaseSymbol 254	Thumb Between Ring Baby
1		BaseSymbol 255	Thumb Under Two Fingers
( A A A A A A A A A A A A A A A A A A A	Ľ	BaseSymbol 256	Thumb Over Two Fingers
1	<u>m</u>	BaseSymbol 257	Thumb Under Three Fingers
1		BaseSymbol 258	Thumb Under Four Fingers
	ï	BaseSymbol 259	Thumb Over Four Raised Knuckles
1		BaseSymbol 260	Fist
		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











India





drunk

**Top View** Hands Parallel To The Floor







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?

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 ...use either symbol... Heel of Hand Wrist View ...OR... Top View

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





#### **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.















Some ASL signs as examples:



















#### **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.



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

Q+⊂□⊙≢ <b>≺</b> □	Some ASL signs as examples:	
▲▲ ● ● ●	Jewish grow soft soft soft give to you lose money poor waste gay dissolve twelve	
<ul><li>★ ★</li><li>★ ★</li></ul>	<b>↑</b> ≫	Ń
	₩ < <b>* *</b> ₩ <≠ <b>*</b>	

e ≮











#### 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.





<u>₩</u>#₽





## **6 Contact Symbols**

*	1. Touch
+	2. Grasp
*	3. Between
#	4. Strike
Θ	5. Brush
0	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**

Ж





dating

Deaf









earring

congratulations



Grasp Contact is written with two crossed lines.

Grasp is defined as the hand grasping or pinching a part of the body or a prop, such as clothing.







disappear

America

\* **Between** 

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

# tt 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 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 Contact is written with a spiral.

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











neat

eager

#### 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.







temperature





nice





## **6 Finger Symbols**





**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.




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..





00

understand

Middle Joint Opens

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

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





The middle joint of the finger locks, while the knuckle joint bends down, like the Hinge on a door. This **closing knuckle movement** is written with a small arrow that points down. The arrow **pushes** the fingers down. Two arrows mean 2 hinges.





send





send-send



The middle joint of the finger locks, while the knuckle joint bends up, like the Hinge on a door. This **opening knuck**le movement is written with a small arrow that points up. The arrow **pulls** the fingers up. Two arrows mean 2 hinges up.





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...











Straight Movement

## 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.





## **The Planes**



**Floor Plane** 

## **The Planes**



## Wall Plane

Double-Stemmed Arrows



Floor Plane 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:



## **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 Left Hand** 









**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.





#### General Arrowhead Writes Overlapping Paths

When a right movement arrow writes **ON TOP OF** a left movement arrow, the two movement paths **overlap each other**. The two arrows blend together. The dark arrowhead and the light arrowhead become one arrowhead, called the **General Arrowhead**.

Often the hands are contacting when moving in overlapping paths, but it is **NOT ONLY** for contacting hands. For example, two hands can be parallel, side by side, without contact, and then both move to the same side, so that the right arrow writes on top of the left arrow. This creates a **General Arrowhead**.

## **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-Flex Movement From Wrist



Wall-Plane-Double Small, Quick Movement



Wall-Plane-Nod Small, Quick Movement



Wall-Plane-Cross Cross 1 Way, Then Other



Wall-Plane-Triple Small, Quick Movement



Wall-Plane Nod-&-A-Half Small, Quick Movement



Wall-Plane-Rooftop Diagonal-Straight



Wall-Plane-Corner Straight-Corner



Wall-Plane-Check Diagonal-Corner-Straight



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





## **Forward-Back Straight Movement**

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



Floor-Plane-Straight Movement From Elbow



Floor-Plane-Flex 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 Small, Quick Movement



Floor-Plane-Road-Bend Diagonal Straight



Floor-Plane-Corner Straight-Corner



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.



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:





#### **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 double-stemmed 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**









## **Up-Down Curved Movement**

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





# **Up-Down Curved Arrows** The curves are parallel with the wall.







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.







## Forward-Under or Back-Under Curved Movement

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



#### 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.



#### Forward & Side





#### Back & Side






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 **up-down 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**.



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



1. Side-Over Single Rotation



2. Side-Over Double Rotation



3. Side-Over Alternating Rotation



4. Side-Down-Side Single Rotation



5. Side-Down-Side Double Rotation



6. Side-Down-Side Alternating Rotation



6. Side-Up-Side Alternating Rotation



aerobics

baptism



broom





1. Side-Under Single Rotation



2. Side-Under Double Rotation



3. Side-Under Alternating Rotation

4. Side-Up-Side Single Rotation

5. Side-Up-Side Double Rotation

146

### Forward-Over & **Back-Over Rotations**



1. Forward-Over **Single Rotation** 



2. Forward-Over **Double Rotation** 



3. Forward-Over **Alternating Rotation** 



4. Back-Over **Single Rotation** 



5. Back-Over **Double Rotation** 



5. Back-Under **Double Rotation** 

4. Back-Under

**Single Rotation** 



6. Back-Over **Alternating Rotation** 



6. Back-Under **Alternating Rotation** 



apple



bald



weight

Forward-Under & **Back-Under Rotations** 



**1. Forward-Under Single Rotation** 

2. Forward-Under

3. Forward-Under

**Alternating Rotation** 

**Double Rotation** 

### Forward-Side & **Back-Side Rotations**



**Single Rotation** 



2. Forward-Side **Double Rotation** 



3. Forward-Side **Alternating Rotation** 



4. Back-Side **Single Rotation** 



5. Back-Side **Double Rotation** 



6. Back-Side **Alternating Rotation** 

### Side-Forward-Side & Side-Back-Side Rotations



1. Side-Forward-Side **Single Rotation** 



2. Side-Forward-Side **Double Rotation** 



3. Side-Forward-Side **Alternating Rotation** 



4. Side-Back-Side **Single Rotation** 



5. Side-Back-Side **Double Rotation** 

6. Side-Back-Side **Alternating Rotation** 





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



3. Floor-Plane-Twist-Shake 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.







### **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 Side-To-Side Parallel Wall Plane

#### Double Arm Circles Side-To-Side Parallel Wall Plane



1. One Circle 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



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



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

### Double Circles Forward-Back Sagittal & Floor Planes



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 Side-To-Side Parallel Wall Plane



1. One Circle Starts High



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



3. One Circle Starts Right Side





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 Forward-Back** Sagittal & Floor Planes



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

### **Double Wrist Circles** Forward-Back **Sagittal & Floor Planes**



1. 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**





Facial Expressions

# **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.



Eyebrows continued...

**Eyebrows Down Inside Right Eyebrow Down Inside** Left Eyebrow Down Inside **Eyebrows Up Inside Right Eyebrow Up Inside** Left Eyebrow Up Inside **Eyebrows Down Outside Right Eyebrow Down Outside** Left Eyebrow Down Outside **Eyebrows Up Outside Right Eyebrow Up Outside** Left Eyebrow Up Outside

### Eyes



### Eyegaze



Ears

**Right Ear** 

Left Ear

### Cheeks





### Mouth

continued...



### Tongue





**Tongue Licks Lip** Outside & Up



**Tongue Licks Lip** Outside & **Up Diagonal** 



**Tongue Licks Lip Outside & Side** 



**Tongue Licks Lip** Outside & **Down Diagonal** 

**Tongue Licks Lip** Outside & Down



**Tongue Licks Lip** Outside & **Down Diagonal** 



**Tongue Licks Lip** 

**Outside & Side** 



**Tongue Licks Lip** Outside & **Up Diagonal** 

**Outside Straight Center Mouth** 

۲

**Tongue Sticks Outside Curled Center Mouth** 

### Tongue

continued...



### Teeth



### Chin



Chin continued...

### Other









# **The Head**

The Head can be seen from different viewpoints:



## **Rim of Head & Face**

**Front View** Rim of **Front of Face** 

**Rim Of Face** Chin



**Rim Of Face Diagonal Low** 



**Rim Of Face** Cheek



**Rim Of Face Diagonal High** 

**Rim Of Face High**, Between Forhead and **Top of Head** 





**Rim Of Face** Cheek



**Rim Of Face Diagonal Low**  **Back View** Rim of **Back of Head** 





**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	Side View Rim of Side of Head	
Rim Top of Head Back	$\bigcirc$	Rim Side of Head Under Ear
Rim Top of Head Diagonal Back	$\bigcirc$	Rim Side of Head Diagonal Low
Rim Top of Head Side	$\bigcirc$	Rim Side of Head Towards Nose
Rim Top of Head Diagonal Forward	$\bigcirc$	Rim Side of Head Diagonal High
Rim Top of Head Forward	$\bigcirc$	Rim Side of Head Over Ear
Rim Top of Head Diagonal Forward	$\bigcirc$	Rim Side of Head Diagonal High
Rim Top of Head Side	$\bigcirc$	Rim Side of Head Towards Back
Rim Top of Head Diagonal Back	$\bigcirc$	Rim Side of Head Diagonal Low

### **Rim of Head & Face**

Front View Relating To The Side of Head



Relating to Side of Head Up Diagonal

Relating to Side of Head

Relating to Side of Head Down Diagonal Front View Touching The Side of Head



# Head Movement

### **Face-Direction Movement Symbols**

The nose moves in the direction of the arrows. The neck bends and stretches as the nose moves.


### **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.



Face Direction, Side Right, Down, Tilt Right





### **Shoulder Positions & Movements**

- Shoulders
- Right Shoulder Up (Position)
- Both Shoulders Up (Position)
- **Right Shoulder Down (Position)**
- Both Shoulders Down (Position)
- **One Shoulder Up, One Shoulder Down (Position)**
- Shoulder Moves Up
- Shoulder Moves Up-Diagonal
- Shoulder Moves Down-Diagonal
- Shoulder Moves Down
- ← Shoulder Moves Forward
- Shoulder Moves Forward-Diagonal
- Shoulder Moves Back-Diagonal
- Shoulder Moves Back
- → ↑↓ Shoulder Moves Up & Down
- ► Shoulder Moves Forward & Back

# **Torso (Upper Body) Positions & Movements**

ŵ	
	Torso (Upper Body) Pulls Up
Ű	Torso (Upper Body) Sinks Down
7	Torso Moves in a Curve, Up & Side
5	Torso Bends to the Left Side (Arrow Pushes Torso Up & Side)
-5	Torso Twists to the Left Side (Arrow Pushes Torso in a Left Rotation)
2	Torso Twists to the Right Side (Arrow Pushes Torso in a Right Rotation)
† <u> </u>	Upper Torso (Ribcage) Tilts Forward
·—·	Upper Torso (Ribcage) Tilts Forward Diagonal
	Upper Torso (Ribcage) Tilts Side
··	Upper Torso (Ribcage) Tilts Back-Diagonal
·	Upper Torso (Ribcage) Tilts Back
ti —— ti	Rocking Motion From the Ribcage Upper Torso Tilts (Rocks) Back & Forward
141 141	Rocking Motion From the Ribcage Upper Torso Tilts (Rocks) Back-Forward-Back

### **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 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.
\$	<b>Alternating Lines</b> The right hand moves in one direction, while the left moves simultanously in the opposite direction.
~	<b>Un-Even Alternating</b> <b>One Moves While The Other One Is Still</b> The right hand moves while the left remains still. Then the left moves while the right remains still.
$\frown$	Slow Movement
$\smile$	Smooth Movement
2	Fast Movement
77	Fast Movement with Emphasis
~	Tense Movement
*	Tense Movement with Emphasis
$\approx$	Relaxed Movement
**	Relaxed 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**!! ی ۵ پی پی







#### **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 Lines

**Influence** is written with a Unit-Connecting 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 Sign-Writing literature. When writing horizontally, the Unit Connecting Line is written under or over the writing.

In Sutton DanceWriting, the Unit-Connecting 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.







# **Punctuation**

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 or phrase. Two lines represent a pause, or comma.

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

The Fast Symbol 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

### 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.



# 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:



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:



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:



If the movement is FORWARD-DIAGONAL, choose the FORWARD-DIAGONAL 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...



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.





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.



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:





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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**

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1



#### SignWriting Reference Manual

#### Manual 1: SignWriting Basics

Learn the basics of SignWriting with this slender, 42 page, spiral-bound manual. An introduction to reading and writing any sign language, it gives a summary of hand symbols, contact symbols, finger movements, arm movements, facial expressions, and reading of sign language literature. All examples are in American Sign Language (ASL). Free for download on the web, and only \$10.00 in the SignWriting Shop. ISBN: 978-0-914336-49-5



#### SignWriting Reference Manual

**Manual 2: SignWriting Hand Symbols, ISWA 2010** This 300-page sprial-bound reference manual devotes a full page to each of the 261 hand symbols of the International SignWriting Alphabet (ISWA 2010), used to write over 40 sign languages on the web in SignPuddle Online. 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. ISBN: 978-0-914336-86-0



#### 3 SignWriting Reference Manual

#### 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



#### ▲ 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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