

Consonants	Bilabial	Dental	Alveolar	Velar
Nasal	m		n /ŋ/	nn /ŋ/
Stop	p b	d /g/	t	k g
Affricate	pf /pɸ/ bv /bβ/	tth /tθ/ ddh /dʒ/	ts /tʂ/ dz /dʐ/	kx
Fricative	f /ɸ/ v /β/	th /θ/ dh /ð/	s z	x
Trill	bb /b/			
Lateral fricative		l /ɿ/ ll /ɿɿ/		

Vowels	long vowels marked with ' (i' /i:/)	
	Front	Back
Close	i(:)	y /y(:)/
Near Close	ih /ɪ(:)/	u
Close Mid		o
Open Mid	e /ɛ/	
Near Open	a /æ(:)/	
Open	aw /a(:)/	

Diphthongs		(too many)	
IPA	Rome	clust	singl
ia	iaw	s	t
ua	uaw	n	n (~nn)
iæ	ia	f	s
ɛæ	ea	a	pf
ai	ai		
ɛi	ei		
oi	oi		
yi	yi		
Ii	ihi		
au	awu		
æu	au		
ɛu	eu		
Iu	ihu		
aɛ	awe		
æɛ	ae		
uɛ	ue		
oɛ	oe		
ɛo	eo		
Io	aho		
iy	iy		
ɛy	ey		
Iy	ihy		
æɪ	aih		
iɪ	iih		
uɪ	uih		

doubles				
cluster	example			
	assimilate		non-assimilate	
-	unvoiced	voiced	unv->v	v->unv
ss	tk	dg	tg	kd
sn	dn	-	tn	-
sf	ps	bz	pz	bs
sa	tpf	dbv	tbv	dpf
ns	nt	-	nd	-
nn	nm	-	-	-
nf	nz	-	ns	-
na	nbv	-	npfaw	-
fs	st	zd	sd	zt
fn	zn	-	sn	-
ff	sth	zdh	sdh	zth
fa	spf	zbv	sbv	zpf
as	pft	bvd	pfd	bvt
an	bvn	-	pfn	-
af	pfs	bvz	pfz	bvs
aa	pfts	bvdz	pfdz	bvts

  

doubles (simplified)				
cluster	example			
	assimilate		non-assimilate	
-	unvoiced	voiced	unv->v	v->unv
ss	tk	dg		
sf	ps	bz		
sa	tpf	dbv		
ns	nt	-	nd	-
fs	st	zd		
fn	zn	-	sn	-
ff	sth	zdh		
fa	spf	zbv	sbv	zpf
aa	pfts	bvdz	pfdz	bvts

triples				
cluster	example			
	no assimilation	beginning assimilation	end assimilation	full assimilation
sss	tgp	tkb	tgb	tkp
ssn				
ssf				
ssa				
sns				
snn				
snf				
sna				
sfs				
sfn				
sff				
sfa				
sas				
san				
saf				
saa				
nss				
nsn				
nsf				
nsa				
nns				
nnn				
nnf				
nna				
nfs				
fnf				
nff				
nfa				
nas				
nan				
naf				
naa				
fss				
fsn				
sf				
fsa				
fns				
fnn				
fnf				
fna				
ffs				
ffn				
fff				
ffa				
fas				
fan				
faf				
faa				
ass				
asn				
ASF				
asa				
ans				
ann				
anf				
ana				
afs				
afn				
aff				
afa				
aas				
aan				
aaf				
aaa				

Diphthongs								
a	æ	i	u	ɛ	o	y	I	
-	æa	ia	ua	ɛa	oa	ya	Ia	
aæ	-	iæ	uæ	ɛæ	oæ	yæ	Iæ	
ai	æi	-	ui	ɛi	oi	yi	Ii	
au	æu	iu	-	ɛu	ou	yu	Iu	
aɛ	æɛ	iɛ	uɛ	-	oɛ	yɛ	Iɛ	
ao	æo	io	uo	ɛo	-	yo	Io	
ay	æy	iy	uy	ɛy	oy	-	Iy	
aɪ	æɪ	iɪ	uɪ	ɛɪ	oɪ	yɪ	-	

m	n	ŋ	p	b	t	d	k	g	ɸ	β	θ	ð	s	z	x	v	t	ç						
m	-	ŋm	ŋm	pm	bm	tm	dm	km	gm	ɸm	βm	θm	ðm	sm	zm	xm	Bm	fm	çm					
n	mp	-	ŋn	pn	bn	tn	dn	kn	gn	ɸn	βn	θn	ðn	sn	zn	xn	Bn	fn	çn					
ŋ	mn	ŋŋ	-	pn	bn	tn	dn	kn	gn	ɸŋ	βŋ	θŋ	ðŋ	sn	zn	xŋ	Bŋ	fn	çŋ					
p	mp	ŋp	ŋp	-	bp	tp	dp	kp	gp	ɸp	βp	θp	ðp	sp	zp	xp	Bp	fp	çp					
b	mb	ŋb	ŋb	pb	-	tb	db	kb	gb	ɸb	βb	θb	ðb	sb	zb	xb	Bb	fb	çb					
t	mt	nt	nt	pt	bt	-	dt	kt	gt	ɸt	βt	θt	ðt	st	zt	xt	Bt	ft	çt					
d	md	nd	nd	pd	bd	td	-	kd	gd	ɸd	βd	θd	ðd	sd	zd	xd	Bd	fd	çd					
k	mk	ŋk	ŋk	pk	bk	tk	gk	-	gk	ɸk	βk	θk	ðk	sk	zk	xk	Bk	fk	çk					
g	mg	ŋg	ŋg	pg	bg	tg	dg	kg	-	ɸg	βg	θg	ðg	sg	zg	xg	Bg	fg	çg					
ɸ	mpɸ	ŋpɸ	ŋpɸ	ppɸ	bpɸ	tpɸ	dpɸ	kpɸ	gpɸ	-	bʒpɸ	θpɸ	ðpɸ	tspɸ	dʒpɸ	ɸpɸ	βpɸ	θpɸ	çpɸ					
β	mbβ	ŋbβ	ŋbβ	pbβ	bbβ	tbβ	dbβ	kbβ	gbβ	ɸbβ	-	θbβ	ðbβ	tsbβ	dzbβ	ɸbβ	βbβ	θbβ	zbβ	bbβ				
θ	mθ	ŋθ	ŋθ	ptθ	btθ	ttθ	dtθ	ktθ	gtθ	ɸtθ	βtθ	θtθ	ðtθ	stθ	dʒtθ	ɸtθ	βtθ	θtθ	ztθ	xtθ				
ð	mdð	ndð	ndð	pdð	bdð	tdð	ddð	kðð	gdð	ɸdð	βdð	θdð	ðdð	sdð	zdð	xdð	Bdð	fdð	çðð					
s	mts	ŋts	ŋts	pfts	bfts	tfts	dfts	kfts	gfts	ɸfts	βfts	θfts	ðfts	-	dʒfts	ɸfts	βfts	θfts	zfts	xfts				
dz	mdz	ndz	ndz	pdz	bdz	tdz	ddz	kdz	gdz	ɸdz	βdz	θdz	ðdz	-	dʒdz	ɸdz	βdz	θdz	zdz	xdz				
ɸ	mɸ	ŋɸ	ŋɸ	pɸ	bɸ	tɸ	dɸ	kɸ	gɸ	ɸɸ	βɸ	θɸ	ðɸ	sf	dʒɸ	-	βɸ	θɸ	ðɸ	zɸ	xɸ			
β	mβ	ŋβ	ŋβ	pβ	bβ	tβ	dβ	kβ	gβ	ɸβ	ββ	θβ	ðβ	sf	dʒβ	ɸβ	-	θβ	ðβ	zβ	xβ			
θ	mθ	ŋθ	ŋθ	pθ	bθ	tθ	dθ	kθ	gθ	ɸθ	βθ	θθ	ðθ	sf	dʒθ	ɸθ	βθ	-	ðθ	sθ	zθ	xθ		
ð	mð	ŋð	ŋð	pð	bð	tð	dð	kð	gð	ɸð	βð	θð	ðð	sf	dʒð	ɸð	βð	θð	-	sð	zð	xð		
s	ms	ŋs	ŋs	ps	bs	ts	gs	ks	gs	ɸs	βs	θs	ðs	fss	dzs	ɸs	βs	θs	ðs	-	zs	xs	Bs	
z	mz	ŋz	ŋz	pz	bz	tz	gz	kz	gz	ɸz	βz	θz	ðz	fsz	dzz	ɸz	βz	θz	ðz	sz	-	xz	Bz	
x	mx	ŋx	ŋx	px	bx	tx	gx	kx	gx	ɸx	βx	θx	ðx	fx	dzx	ɸx	βx	θx	ðx	sx	zx	-	Bx	
B	mB	ŋB	ŋB	pB	bB	tB	dB	kB	gB	ɸB	βB	θB	ðB	fsB	dzb	ɸB	βB	θB	ðB	sB	zB	xB	-	
t	mt	nt	nt	pt	bt	tt	dt	kt	gt	ɸt	βt	θt	ðt	fst	dʒt	ɸt	βt	θt	ðt	st	zt	xt	Bt	-
k	mk	ŋk	ŋk	pk	bk	tk	gk	kz	gk	ɸk	βk	θk	ðk	fsk	dʒk	ɸk	βk	θk	ðk	sk	zk	xk	Bk	-

things we need to discuss
should things possess adjective/adverbs (adjectives and adverbs are the same)
POS: noun, verb, modifiers(adj, adv)
should/e include passive aggressive and mean, (polite command is (past perfect?) hypothetical mood)
in case alternate sentence formation, things with subject gets emphasis
how are cases/adjective/other things marked (affixation, etc)
finish pronouns
make seasonal markers
make case markers
make time markers
do adjectives agree with nouns in case, number, telicity, and/or possessive pronoun?
how are comparative & superlative forms made?
are there gerunds/participles? how are they formed?
what moods/aspects are there? how are they marked?

the building has tall	I walk	present (imperfect)	build perfect imperfect	telic	atelic
	I have walked	present perfect		I have built a house	I have built a home
	I walked	past (imperfect)		I build a house	I build a home
you could have passed me the salt; I had walked	I will walk	past perfect (pluperfect)			
	I will have walked	future (imperfect)			
		future perfect			

build	telic	atelic
perfect	I have built a house	I have built a home
imperfect	I build a house	I build a home

  

shoot	telic	atelic
perfect	I had shot it dead	I had shot at it
imperfect	I shot it dead	I shot at it

rejected ideas (for documentation)
verb change through ablaut (but still closed)
4 different subjunctives, each phrase is arbitrary assigned
(type, non-type (distinguished with affixes))

Numbers		
singular	single	1
paucal	known-small	4
	known-large	1000
plural	unknown-small	a few
	unknown-large	a lot

Cases
subject
object
possessive (w/ adjectives?)
time
indirect objects
location (on, in, at, next to)
movement-towards
movement-from
accompaniment
instrument
vocative
goal/benefactor
pursuit

hunt = obj pursuit consume life-acc death-benefactor  
 hunt = obj pursuit sub-acc sub consume life-acc benefactor

Conjugations
present/past/future
perfect/imperfect
progressive
habitual
conditional (other moods?)
telicity
"4 different subjunctives, each phrase is arbitrary assigned"
others?

SOV = non-future, SVO = future

NOT pro-drop

pronouns and other subjects can modify verbs OR nouns OR both but not neither

no gender

Verbs are a closed class, exactly 2 verbs, change meaning dependent on the case of the arguments

why and because are the same but not like spanish

habitual be (as a marker?)

nardicles

Seasons
nouns that change for the season have a non-optional season marker
nouns that don't change for the season have an optional season marker
verbs, adjectives, and articles might agree with season

Aspectual Telicity			
Examples in Finnish		Examples in I'tslmaw	
Ammuin karhun (telic)	I shot the bear (succeeded)/I shot the bear	i build-TEL a house	I build a house
Ammuin karhua (atelic)	I shot (towards) the bear/I shot at the bear	i build-ATEL a house	I build a home
Hän rakastaa minua (atelic)	(s)he loves me		
Hän rakastaa minut kuoliaaksi (t)	(s)he loves me to death		

Pronouns				
	zero	singular	paucal	plural
1st	none of me/us	I - aw	a few of us	we
2nd	none of you	you	a few of you	you plural
3rd	none of them	they	a few of them	they plural

3 people \* 4 numbers = 12 pronouns

etthih = milk

atthih = milks?

Basic sentence structure		
Consume mouth-inst	someone eats with someone's mouth	modern/informal
Consume mouth-i-inst		alternate form
Consume-i mouth-inst		redundant
Consume-i mouth-i-inst		antiquated/formal
I-nom consume mouth-inst	I eat	redundant
I-nom consume mouth-i-inst		redundant
I-nom consume-i mouth-inst		redundant
I-nom consume-i mouth-i-inst		redundant
English	I'tslmaw	Gloss
Father will drink milk	Pine' tlih pfih-nn etth-yn	father consume mouth-INST milk-ACC
Father drinks/drank milk	Pine' pfih-nn etth-yn tlih	father mouth-INST milk-ACC consume
Milk will eat father	Ethhih tlih pfih-nn pine'yn	milk consume mouth-INST father-ACC
Milk eats/ate	Ethhih pfih-nn pine'yn tlih	milk mouth-INST father-ACC consume
I hunt father	Aw tlih pine'-PURSUIT	i consume father-PURSUIT
Father hunts me	Pine' tlih aw-PURSUIT	father consume i-PURSUIT
I go to (the) farm	Aw pfy-ihnn skuv-nn	i farm-LOC foot-INST consume

OLD	V INST O
	consume father-GEN mouth-INST milk-ACC
Father drank mill	Pine' tlie pfih-nn eth-yn
Milk eats father	Ethhih tlie (pfih-nn?) Pine'-yn
Hunter gathers	li hunter-gathers produce life-acc subordinate-clause-marker consume plants-acc and animals-acc mouth-inst -inst
I kill father	I consume life-fal I consume life-acc father-gen
I hunt father	I pursuit consum obj pursuit sub-acc sub consume life-acc benefactor
I will find and hu	produce-i location-i produce-location-knowledge-and-death-him-bene father-acc
	itsaw te'baw i-tebpfinn-a-law'-dihx-et pine'yn
	word order?
	milk has a mouth?
	milk has a mouth?
	"idea: how would you say run?
	introduce idiom: consume ground (also relevant to plants which is a funney joak)
	movement as a noun: produce movement
	"feet-i consume ground-acc"

word	meaning	POS									
Good Words											
	IPA	Romanization	Syllabification		Bad Words		Controversial Words		Uncommented Words		
mui	mother	noun	i:tʃma	i'tslmaw	i'tslmaw	bx	vx	βido	vido	ðɪ	dhih
pine'	father	noun	eθi	etthi	e.tthi	dʒθma	dzvma	xido	xido	ðæ	dha
tsl	car	noun	eθi:	etthi'	e.tthi'	tʃθma	tsvma	pθidʒlma	pfihdzlma	dobæi	dobvai
aw	I	pro	βx	vx	vx	guyx	guyx	gltx	glix	tſs	lsls
pf	mouth	noun	px	px	px					tſs	tsls
nn	INST	case	bBy	bvy	bvy					ʒi:a	lli'aw
yn	ACC	case									
et	BENE	case									
tl	consume	verb	ɸy	pfy	pfy					uxm	uxm
i'ts	produce	verb	ɸy	fy	fy					guIx	guihx
e	you	pro	yɸxy	ypfxy	y.pfx						
a	they	pro	yɸo	ypho	y.pfo						
etth	milk	noun	yBBo	ybvo	ybvo						
xbyn	movement	noun									
pfinn	knowledge	noun									
te'b	location		βy	vy	vy						
law'd	death										
(ih)	used for clari --										
zia	new	adj									
	animal										
	plant		ɸnja	pfnnaw	pfnnaw						
	people		βnja	bvnaw	bvnaw						
	herd		ɸnjae	pfnna	pfnna						
pfy	farm	noun	βnjae	bvnna	bvnna						
	farm	verb	skut	skul	skul						
snih	plants-and-a from edible plants and animals		skuβ	skuv	skuv						
	live		in	ihnn	ihnn						
i't			gβix	gllihx	gllihx						
blykxihd						syn					
	PURSUIT	case									
ihnn	LOC	case	its- produce								
skuv	foot	noun	mui- mother	Pronouns	1st Person	2nd Person	3rd Person				
			mui'ts - breastfeeding	Singular	aw						
			itsmui- mother produce	Pocal							
				Plural							

Closed Class of Verb		
Modifier thing	Consume	Produce
life-self-acc	suicide	live
life-other-acc	kill	make babies (frankenstein's monster?)
mouth-inst obj-acc	eat	vomit
telicity-marker		exist
animal-acc life-other-acc		
location-LOC feet-inst	hunt	walk/go























