

# Speech Organs Movement during Articulation

This is an open educational resource that presents the classification of articulator movements during the articulation of speech sounds. There are 46 consonants presented in this resource and are organised according to their classification from labial to glottal sounds. The classification is also in terms of airstream mechanism, articulators, state of the glottis (voicing), state of the velum (oral or nasal), manner of articulation and place of articulation, and provides illustrations of the articulators producing that sound (X-ray view) and sounds available for English and Sepedi. The features describing the phonemes are presented in both English and Sepedi.

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## Voiceless Bilabial Plosive [p]

[https://youtu.be/V-oBGWe5\\_TM](https://youtu.be/V-oBGWe5_TM)

Kwagatšo ya [p] e le /pa/ le /apa/  
Pronouncing [p] as /pa/ and /apa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase	Active articulator:	lower lip
Sekwagatšitirwa:	molomo wa ka godimo	Passive articulator:	upper lip
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumadipoung	Place of articulation:	bilabial
Mohlala:	pelo	Example:	top

## Voiceless Bilabial Aspirated Plosive [p<sup>h</sup>]

<https://youtu.be/mtuAvKFWNUE>

Kwagatšo ya [p<sup>h</sup>] e le /p<sup>h</sup>a/ le /ap<sup>h</sup>a/  
Pronouncing [p<sup>h</sup>] as /p<sup>h</sup>a/ and /ap<sup>h</sup>a/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase	Active articulator:	lower lip
Sekwagatšitirwa:	molomo wa ka godimo	Passive articulator:	upper lip
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumadipoung	Place of articulation:	bilabial
Mohlala:	phela	Example:	pot

## Voiced Bilabial Plosive [b]

<https://youtu.be/ziYMQfkhBDo>

Kwagatšo ya [b] e le /ba/ le /aba/

Pronouncing [b] as /ba/ and /aba/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase	Active articulator:	lower lip
Sekwagatšitirwa:	molomo wa ka godimo	Passive articulator:	upper lip
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja le lengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumadipoung	Place of articulation:	bilabial
Mohlala:	N/A	Example:	bay

## Voiced Bilabial Fricative [β]

<https://youtu.be/W47zGiglNY0>

Kwagatšo ya [β] e le /βa/ le /aβa/

Pronouncing [β] as /βa/ and /aβa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase	Active articulator:	lower lip
Sekwagatšitirwa:	molomo wa ka godimo	Passive articulator:	upper lip
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja le lengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumadipou	Place of articulation:	bilabial
Mohlala:	bona	Example:	N/A

## Voiced Bilabial Nasal [m]

[https://youtu.be/BG7A9Y86P\\_M](https://youtu.be/BG7A9Y86P_M)

Kwagatšo ya [m] e le /ma/ le /ama/

Pronouncing [m] as /ma/ and /ama/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase	Active articulator:	lower lip
Sekwagatšitirwa:	molomo wa ka godimo	Passive articulator:	upper lip
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwengwana:	theogile	State of the velum:	lowered
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumadipoung	Place of articulation:	bilabial
Mohlala:	motho	Example:	man

## Voiceless Labiodental Fricative [f]

<https://youtu.be/WF4n5NqGIUI>

Kwagatšo ya [f] e le /fa/ le /afa/

Pronouncing [f] as /fa/ and /afa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase	Active articulator:	lower lip
Sekwagatšitirwa:	meno a ka godimo	Passive articulator:	upper teeth
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumapouinong	Place of articulation:	labiodental
Mohlala:	fofa	Example:	fee

## Voiceless Labiodental-Postalveolar Fricative [fʃ]

<https://youtu.be/uO3TFezdD90>

Kwagatšo ya [fʃ] e le /fʃa/ le /afʃa/

Pronouncing [fʃ] as /fʃa/ and /afʃa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	meno a ka godimo le magalagapa	Passive articulator:	upper teeth and palate
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumapouinong-moragorinini	Place of articulation:	labiodental-postalveolar
Mohlala:	lefšiega	Example:	N/A

## Voiced Labiodental Fricative [v]

<https://youtu.be/2oIG5Av0U8Y>

Kwagatšo ya [v] e le /va/ le /ava/

Pronouncing [v] as /va/ and /ava/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase	Active articulator:	lower lip
Sekwagatšitirwa:	meno a ka godimo	Passive articulator:	upper teeth
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumapouinong	Place of articulation:	labiodental
Mohlala:	N/A	Example:	vow

## Voiceless Bilabial Alveolar Fricative [ɸs]

<https://youtu.be/rnlwoOlm0ns>

Kwagatšo ya [ɸs] e le /ɸsa/ le /aɸsa/  
Pronouncing [ɸs] as /ɸsa/ and /aɸsa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	molomo wa ka godimo le marinini	Passive articulator:	upper lip and alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumadipouririning	Place of articulation:	bilabial alveolar
Mohlala:	lefsifsi	Example:	N/A

## Voiceless Labio-alveolar Affricate [ps]

<https://youtu.be/Zp5MPyQI0zq>

Kwagatšo ya [ps] e le /psa/ le /apsa/  
Pronouncing [ps] as /psa/ and /apsa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	molomo wa ka godimo le marinini	Passive articulator:	upper lip and alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumadipouririning	Place of articulation:	bilabial alveolar

Mohlala:	psila	Example:	N/A
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<b>Voiceless Labio-alveolar Aspirated Affricate [ps<sup>h</sup>]</b>			
<a href="https://youtu.be/M4-7Vlc3tQI">https://youtu.be/M4-7Vlc3tQI</a>			
Kwagatšo ya [ps <sup>h</sup> ] e le /ps <sup>h</sup> a/ le /aps <sup>h</sup> a/ Pronouncing [ps <sup>h</sup> ] as /ps <sup>h</sup> a/ and /aps <sup>h</sup> a/			
<b>Sepedi</b>		<b>English</b>	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	molomo wa ka godimo le marinini	Passive articulator:	upper lip and alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumapouririning	Place of articulation:	bilabial alveolar
Mohlala:	pshio	Example:	N/A

<b>Voiceless Bilabial Post-Alveolar Fricative [ɸ]</b>			
<a href="https://youtu.be/IJc92dcD2y0">https://youtu.be/IJc92dcD2y0</a>			
Kwagatšo ya [ɸ] e le /ɸja/ le /aɸja/ Pronouncing [ɸ] as /ɸja/ and /aɸja/			
<b>Sepedi</b>		<b>English</b>	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	molomo wa ka godimo le marinini	Passive articulator:	upper lip and alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open

Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumadipoung-moragoririni	Place of articulation:	bilabial post-alveolar
Mohlala:	bofša	Example:	N/A

## Voiced Bilabial Post-Alveolar Fricative [β̞]

<https://youtu.be/kaf4hnAVKq0>

Kwagatšo ya [β̞] e le /β̞za/ le /aβ̞za/  
Pronouncing [β̞] as /β̞za/ and /aβ̞za/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	molomo wa ka godimo le marinini	Passive articulator:	upper lip and alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumadipoung-moragoririni	Place of articulation:	bilabial post-alveolar
Mohlala:	bjala	Example:	N/A

## Voiceless Labio-Postalveolar Affricate [p̞]

<https://youtu.be/JacM7wGf9fk>

Kwagatšo ya [p̞] e le /p̞ja/ le /ap̞ja/  
Pronouncing [p̞] as /p̞ja/ and /ap̞ja/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue



Sekwagatšitirwa:	molomo wa ka godimo le marinini	Passive articulator:	upper teeth and alveolar ridge
Boemo bja lešobakgokgokgo:	bulelegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumadipoung-moragoririni	Place of articulation:	bilabial post-alveolar
Mohlala:	mpša	Example:	N/A

## Voiceless Labio-Postalveolar Aspirated Affricate [pʃʰ]

<https://youtu.be/LXxW7fc9WzU>

Kwagatšo ya [pʃʰ] e le /pʃʰa/ le /apʃʰa/  
Pronouncing [pʃʰ] as /pʃʰa/ and /apʃʰa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	molomo wa ka godimo le marinini	Passive articulator:	upper teeth and alveolar ridge
Boemo bja lešobakgokgokgo:	bulelegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumadipoung-moragoririni	Place of articulation:	bilabial post-alveolar
Mohlala:	pšhatla	Example:	N/A

## Voiced Labio-Velar Approximant [w]

<https://youtu.be/cSFEIhR4fU0>

Kwagatšo ya [w] e le /wa/ le /awa/  
Pronouncing [w] as /wa/ and /awa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	molomo wa ka fase le leleme	Active articulator:	lower lip and tongue
Sekwagatšitirwa:	molomo wa ka godimo le magalagapa a moseo	Passive articulator:	upper teeth and alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	patamelo	Manner of articulation:	approximant
Lefelokwagatšo:	tumadipoung-kgalagapamoseo	Place of articulation:	labio-velar
Mohlala:	wena	Example:	win

## Voiceless Interdental Fricative [θ]

<https://youtu.be/vdBUeXY0kKo>

Kwagatšo ya [θ] e le /θa/ le /aθa/

Pronouncing [θ] as /θa/ and /aθa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme le meno a ka fase	Active articulator:	tongue and lower teeth
Sekwagatšitirwa:	meno a ka godimo	Passive articulator:	upper teeth
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumainong	Place of articulation:	dental
Mohlala:	N/A	Example:	thigh

## Voiced Interdental Fricative [ð]

<a href="https://youtu.be/1cVQt-ooO-A">https://youtu.be/1cVQt-ooO-A</a>			
Kwagatšo ya [ð] e le /ða/ le /aða/ Pronouncing [ð] as /ða/ and /aða/			
Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme le meno a ka fase	Active articulator:	tongue and lower teeth
Sekwagatšitirwa:	meno a ka godimo	Passive articulator:	upper teeth
Boemo bja lešobakgokgoko:	tswalegile	State of the glottis:	closed
Boemo bja lelelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumainong	Place of articulation:	dental
Mohlala:	N/A	Example:	them

<b>Voiceless Alveolar Plosive [t]</b>			
<a href="https://youtu.be/o_SYL8MxLi4">https://youtu.be/o_SYL8MxLi4</a>			
Kwagatšo ya [t] e le /ta/ le /ata/ Pronouncing [t] as /ta/ and /ata/			
Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgoko:	bulegile	State of the glottis:	open
Boemo bja lelelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	toka	Example:	stop

## Voiceless Alveolar Aspirated Plosive [tʰ]

<https://youtu.be/dsU0CM0CFL0>

Kwagatšo ya [tʰ] e le /tʰa/ le /atʰa/

Pronouncing [tʰ] as /tʰa/ and /atʰa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	thopa	Example:	tie

## Voiced Alveolar Plosive [d]

<https://youtu.be/D3uVPeNhdZ8>

Kwagatšo ya [d] e le /da/ le /ada/

Pronouncing [d] as /da/ and /ada/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	dula	Example:	day

## Voiceless Alveolar Fricative [s]

<https://youtu.be/0h18OzxsqWo>

Kwagatšo ya [s] e le /sa/ le /asa/

Pronouncing [s] as /sa/ and /asa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	sesi	Example:	son

## Voiced Alveolar Fricative [z]

<https://youtu.be/XkAdmXtcNi8>

Kwagatšo ya [z] e le /za/ le /aza/

Pronouncing [z] as /za/ and /aza/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	N/A	Example:	zebra

## Voiceless Alveolar Affricate [ts]

[https://youtu.be/el\\_QwMpU7xl](https://youtu.be/el_QwMpU7xl)

Kwagatšo ya [ts] e le /tʰsa/ le /atsa/

Pronouncing [ts] as /tʰsa/ and /atsa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja le lengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	tsela	Example:	N/A

## Voiceless Alveolar Aspirated Affricate [ts<sup>h</sup>]

<https://youtu.be/YioaHpdqP28>

Kwagatšo ya [ts<sup>h</sup>] e le /tʰsa/ le /ats<sup>h</sup>a/

Pronouncing [ts<sup>h</sup>] as /tʰsa/ and /ats<sup>h</sup>a/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja le lengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	tshadi	Example:	N/A

## Voiced Alveolar Nasal [n]

<https://youtu.be/5lWo55S56MM>

Kwagatšo ya [n] e le /na/ le /ana/

Pronouncing [n] as /na/ and /ana/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelengwana:	theogile	State of the velum:	lowered
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	nama	Example:	never

## Voiced Alveolar Rhotic [r]

<https://youtu.be/ZSQkjk-6Dio>

Kwagatšo ya [r] e le /ra/ le /ara/

Pronouncing [r] as /ra/ and /ara/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	patamelo	Manner of articulation:	approximant
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	roma	Example:	run

## Voiceless Alveolar Lateral Fricative [t̺]

<https://youtu.be/Kyovkoym58w>

Kwagatšo ya [t̺] e le /t̺a/ le /at̺a/

Pronouncing [t̺] as /t̺a/ and /at̺a/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša-tlhaa	Manner of articulation:	lateral fricative
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	hloma	Example:	N/A

## Voiceless Alveolar Lateral Aspirated Fricative [t̺ʰ]

<https://youtu.be/j-qtafzhGPA>

Kwagatšo ya [t̺ʰ] e le /t̺ʰa/ le /at̺ʰa/

Pronouncing [t̺ʰ] as /t̺ʰa/ and /at̺ʰa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša-tlhaa	Manner of articulation:	lateral fricative
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	tlhago	Example:	N/A



## Voiceless alveolar lateral affricate [tʃ]

<https://youtu.be/DSWsvxmDVgE>

Kwagatšo ya [tʃ] e le /tʃa/ le /atʃa/  
Pronouncing [tʃ] as /tʃa/ and /atʃa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša-tlhaa	Manner of articulation:	lateral affricate
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	tlala	Example:	N/A

## Voiced Alveolar Lateral [l]

<https://youtu.be/rRQ23xtf0TA>

Kwagatšo ya [l] e le /la/ le /ala/  
Pronouncing [l] as /la/ and /ala/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	marinini	Passive articulator:	alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	patamelo	Manner of articulation:	approximant
Lefelokwagatšo:	tumaririning	Place of articulation:	alveolar
Mohlala:	lema	Example:	love

## Voiceless Post-Alveolar Fricative [ʃ]

<https://youtu.be/TobThRrFer0>

Kwagatšo ya [ʃ] e le /ʃa/ le /aʃa/

Pronouncing [ʃ] as /ʃa/ and /aʃa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	morago ga marinini	Passive articulator:	post-alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumamoragoririning	Place of articulation:	post alveolar
Mohlala:	šoma	Example:	shop

## Voiced Post-Alveolar Fricative [ʒ]

<https://youtu.be/oCBEpoVXai0>

Kwagatšo ya [ʒ] as /ʒa/ and /aʒa/

Pronouncing [ʒ] as /ʒa/ and /aʒa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	morago ga marinini	Passive articulator:	post-alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumamoragoririning	Place of articulation:	post alveolar
Mohlala:	dijo	Example:	measure

## Voiceless Post-Alveolar Affricate [tʃ]

[https://youtu.be/tjq\\_h38iO\\_w](https://youtu.be/tjq_h38iO_w)

Kwagatšo ya [tʃ] e le /tʃa/ le /atʃa/  
Pronouncing [tʃ] as /tʃa/ and /atʃa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	morago ga marinini	Passive articulator:	post-alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumamoragoririning	Place of articulation:	post alveolar
Mohlala:	<b>tšaka</b>	Example:	N/A

## Voiceless Post-Alveolar Aspirated Affricate [tʃʰ]

<https://youtu.be/03SxImvrVxU>

Kwagatšo ya [tʃʰ] e le /tʃʰa/ le /atʃʰa/  
Pronouncing [tʃʰ] as /tʃʰa/ and /atʃʰa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	morago ga marinini	Passive articulator:	post-alveolar ridge
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumamoragoririning	Place of articulation:	post alveolar
Mohlala:	<b>tšhaba</b>	Example:	<b>chat</b>

## Voiced Post-Alveolar Affricate [dʒ]

<https://youtu.be/KbWT0ybrVk0>

Kwagatšo ya [dʒ] e le /dʒa/ le /adʒa/  
Pronouncing [dʒ] as /dʒa/ and /adʒa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	morago ga marinini	Passive articulator:	post-alveolar ridge
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumamoragorinining	Place of articulation:	post alveolar
Mohlala:	N/A	Example:	joke

## Voiced Palatal Nasal [ɲ]

<https://youtu.be/M8sExHREWqA>

Kwagatšo ya [ɲ] e le /ɲa/ le /aɲa/  
Pronouncing [ɲ] as /ɲa/ and /aɲa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa	Passive articulator:	hard palate
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwengwana:	theogile	State of the velum:	lowered
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumakgalagapeng	Place of articulation:	palatal
Mohlala:	<b>nyala</b>	Example:	N/A

## Voiced Palatal Approximant [j]

<https://youtu.be/O8iqgP1mZL0>

Kwagatšo ya [j] e le /ja/ le /aja/  
Pronouncing [j] as /ja/ and /aja/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa	Passive articulator:	hard palate
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	patamelo	Manner of articulation:	approximant
Lefelokwagatšo:	tumakgalagapeng	Place of articulation:	palatal
Mohlala:	yena	Example:	yes

## Voiceless Velar Plosive [k]

<https://youtu.be/0q9Q-gM-1B0>

Kwagatšo ya [k] e le /ka/ le /aka/  
Pronouncing [k] as /ka/ and /aka/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa a moseo	Passive articulator:	velum
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumakgalagapengmoseo	Place of articulation:	velar
Mohlala:	koma	Example:	take

## Voiceless Velar Aspirated Plosive [k<sup>h</sup>]

<https://youtu.be/cFwoEGVfGpA>

Kwagatšo ya [k<sup>h</sup>] e le /k<sup>h</sup>a/ le /ak<sup>h</sup>a/  
Pronouncing [k<sup>h</sup>] as /k<sup>h</sup>a/ and /ak<sup>h</sup>a/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa a moseo	Passive articulator:	velum
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumakgalagapengmoseo	Place of articulation:	velar
Mohlala:	khudu	Example:	can

## Voiced Velar Plosive [g]

<https://youtu.be/GXVdZ1tHylc>

Kwagatšo ya [g] e le /ga/ le /aga/  
Pronouncing [g] as /ga/ and /aga/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa a moseo	Passive articulator:	velum
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumakgalagapengmoseo	Place of articulation:	velar
Mohlala:	N/A	Example:	go

## Voiced Velar Fricative [ɣ]

<https://youtu.be/yFanLSGaxQk>

Kwagatšo ya [ɣ] e le /ɣa/ le /aya/  
Pronouncing [ɣ] as /ya/ and /aya/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa a moseo	Passive articulator:	velum
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumakgalagapengmoseo	Place of articulation:	velar
Mohlala:	<b>goga</b>	Example:	N/A

## Voiceless Velar Aspirated Affricate [kx<sup>h</sup>]

<https://youtu.be/ZWdZVPmJOLQ>

Kwagatšo ya [kx<sup>h</sup>] e le /kx<sup>h</sup>a/ le /akx<sup>h</sup>a/  
Pronouncing [kx<sup>h</sup>] as /kx<sup>h</sup>a/ and /akx<sup>h</sup>a/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa a moseo	Passive articulator:	velum
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	thunyakgwaša	Manner of articulation:	affricate
Lefelokwagatšo:	tumakgalagapengmoseo	Place of articulation:	velar
Mohlala:	<b>kgomo</b>	Example:	N/A

## Voiced Velar Nasal [ŋ]

<https://youtu.be/ee1jnhbn0HI>

Kwagatšo ya [ŋ] e le /ŋa/ le /aŋa/  
Pronouncing [ŋ] as /ŋa/ and /aŋa/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	magalagapa a moseo	Passive articulator:	velum
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	closed
Boemo bja lelwana:	theogile	State of the velum:	lowered
Mokgwakwagatšo:	kemo	Manner of articulation:	stop
Lefelokwagatšo:	tumakgalagapengmoseo	Place of articulation:	velar
Mohlala:	<b>ngaka</b>	Example:	<b>sing</b>

## Voiceless Glottal Fricative [h]

[https://youtu.be/oYESOZjOQ\\_A](https://youtu.be/oYESOZjOQ_A)

Kwagatšo ya [h] e le /ha/ le /aha/  
Pronouncing [h] as /ha/ and /aha/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	kgokgokgo	Passive articulator:	glottis
Boemo bja lešobakgokgokgo:	bulegile	State of the glottis:	open
Boemo bja lelwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumakgokgokgong	Place of articulation:	glottal
Mohlala:	<b>hema</b>	Example:	<b>hello</b>



## Voiced Glottal Fricative [h]

<https://youtu.be/Low1u7i35vo>

Kwagatšo ya [h] e le /ha/ le /aha/  
Pronouncing [h] as /ha/ and /aha/

Sepedi		English	
Kelelamoya:	ya maswafo	Airstream Mechanism:	pulmonic
Sekwagatšitira:	leleme	Active articulator:	tongue
Sekwagatšitirwa:	kgokgokgo	Passive articulator:	glottis
Boemo bja lešobakgokgokgo:	tswalegile	State of the glottis:	open
Boemo bja lelengwana:	rotogile	State of the velum:	raised
Mokgwakwagatšo:	kgwaša	Manner of articulation:	fricative
Lefelokwagatšo:	tumakgokgokgong	Place of articulation:	glottal
Mohlala:	lehono/lehu	Example:	N/A