

THE PHONETIC ALPHABET



i:	ɪ	ʊ	u:	ɪə	eɪ		
e	ə	ɜ:	ɔ:	ʊə	ɔɪ	əʊ	
ɑ	ʌ	ɑ:	ɒ	eə	aɪ	aʊ	
p	b	t	d	tʃ	dʒ	k	g
f	v	θ	ð	s	z	ʃ	ʒ
m	n	ŋ	h	l	r	w	j

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Consonants		Vowels	
Keywords	Phonetic symbols	Keywords	Phonetic symbols
1. pie	/p/	1. ski	/i:/
2. ball	/b/	2. rich	/ɪ /
3. ten	/t/	3. set	/e/
4. day	/d/	4. man	/æ/
5. key	/k/	5. farm	/ɑ:/
6. go	/g/	6. hot	/ɒ/
7. man	/m/	7. tall	/ɔ:/
8. nine	/n/	8. wood	/ʊ/
9. sing	/ŋ/	9. food	/u:/
10. fat	/f/	10. onion	/ʌ/

Consonants		Vowels	
Keywords	Phonetic symbols	Keywords	Phonetic symbols
11. <u>v</u> an	/v/	11. w <u>o</u> rd	/ɜ:/
12. <u>th</u> ink	/θ/	12. <u>a</u> lone	/ə/
13. <u>th</u> is	/ð/	13. <u>da</u> y	/eɪ/
14. <u>s</u> ay	/s/	14. bu <u>y</u>	/aɪ/
15. <u>z</u> ip	/z/	15. to <u>y</u>	/ɔɪ/
16. <u>sh</u> ip	/ʃ/	16. n <u>o</u> w	/aʊ/
17. ver <u>s</u> ion	/ɜ/	17. n <u>o</u>	/ʊə/
18. <u>h</u> ear	/h/	18. ide <u>a</u>	/ɪə/
19. <u>ch</u> urch	/tʃ/	19. the <u>r</u> e	/eə/
20. <u>j</u> oke	/dʒ/	20. su <u>r</u> e	/ʊə/

Consonants		Vowels	
Keywords	Phonetic symbols	Keywords	Phonetic symbols
21. <u>l</u> arge	/l/		
22. <u>w</u> ear	/w/		
23. <u>r</u> ead	/ɹ /		
24. <u>y</u> awn	/j/		

Place Manner	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Palatal	Velar	Glottal	Labial-Velar
Plosive	p b			t d			k g		
Nasal	m			n			ŋ		
Fricative		f v	θ ð	s z	ʃ ʒ			h	
Affricate					tʃ dʒ				
Approximant				ɹ		j			w
Lateral				l					

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2005)

CONSONANTS (PULMONIC)

© 2005 IPA

	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		ʋ		ɹ		ɻ	j	ɰ			
Lateral approximant				l		ɭ	ʎ	ʟ			

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

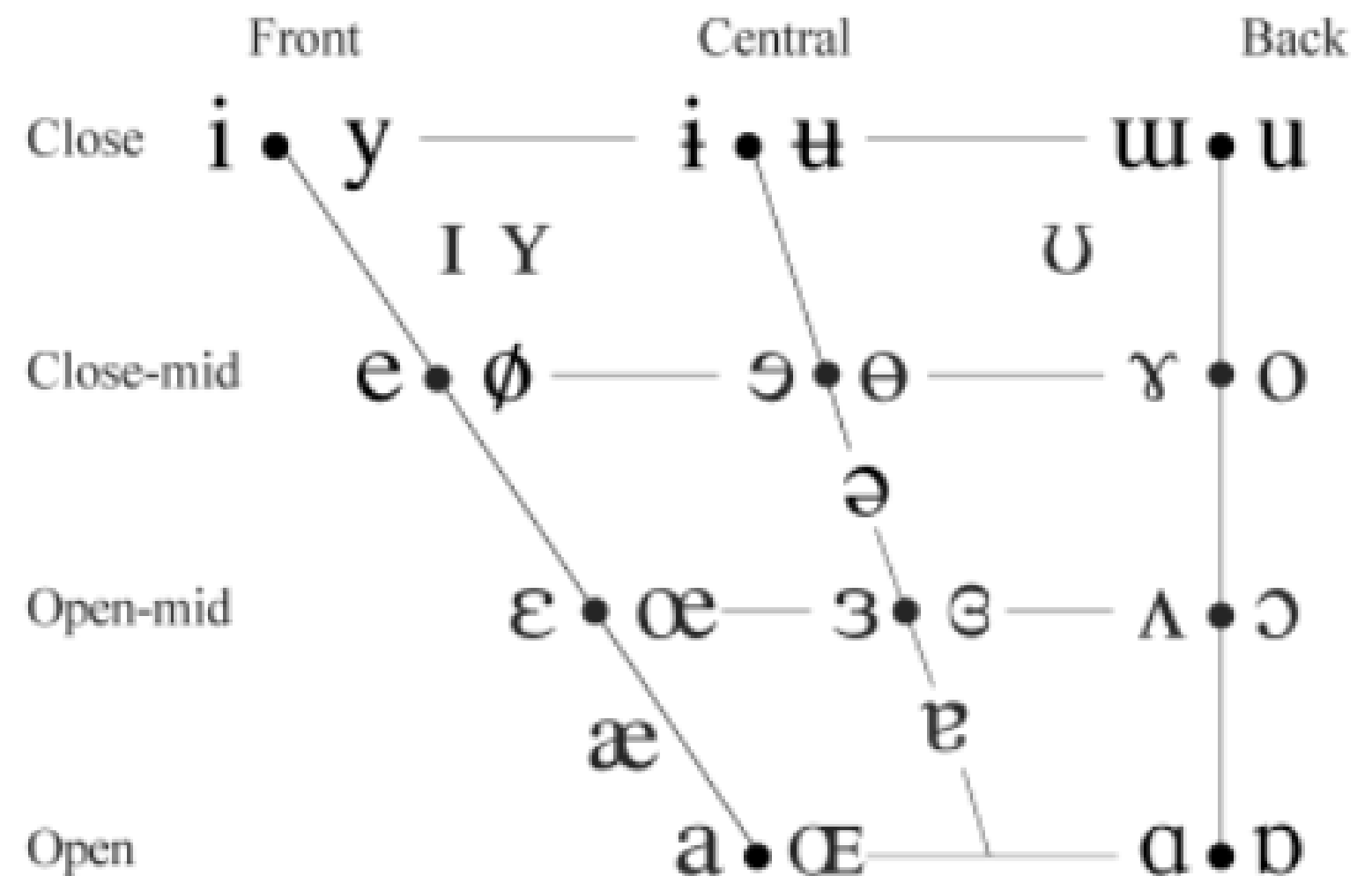
CONSONANTS (NON-PULMONIC)

Clicks		Voiced implosives		Ejectives	
◌ǀ	Bilabial	◌ɓ	Bilabial	◌'	Examples:
◌ǁ	Dental	◌ɗ	Dental/alveolar	◌p'	Bilabial
◌ǃ	(Post)alveolar	◌ɟ	Palatal	◌t'	Dental/alveolar
◌ǂ	Palatoalveolar	◌ɠ	Velar	◌k'	Velar
◌ǁ̥	Alveolar lateral	◌ɕ	Uvular	◌s'	Alveolar fricative

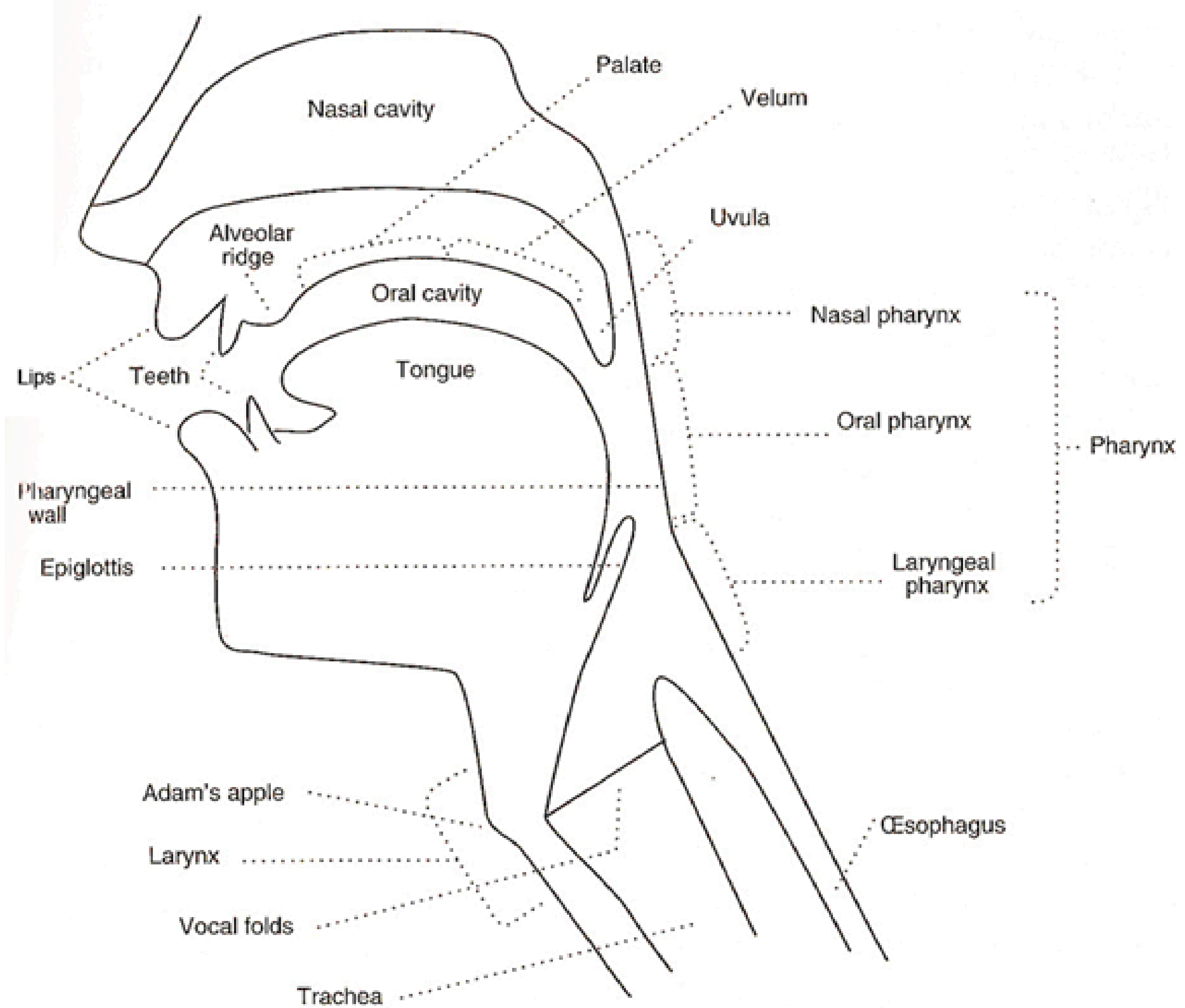
OTHER SYMBOLS

◌ɱ	Voiceless labial-velar fricative	◌ç ̺	Alveolo-palatal fricatives
◌w	Voiced labial-velar approximant	◌ɺ	Voiced alveolar lateral flap
◌ɥ	Voiced labial-palatal approximant	◌ɧ	Simultaneous Ƀ and ʁ
◌ħ	Voiceless epiglottal fricative	Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.	
◌ʕ	Voiced epiglottal fricative		
◌ʡ	Epiglottal plosive		

VOWELS



Where symbols appear in pairs, the one to the right represents a rounded vowel.





“Alphabetical spelling does not consistently represent speech sounds.”

“The way words are written using letters does not always match how they are pronounced.”



1

The same sound is represented by using different letters.

/ i: /

we /wi:/

machine /mə'ʃi:n/

bee /bi:/

tea /ti:/

amoeba /ə'mi:bə/

Caesar /'si:zə(r)/

2

The same letter can represent different sounds.

a

hard

/hɑ:(r)d/

want

/wɒnt/

about

/ə'baʊ/

many

/'meni/

ant

/ænt/



3

A single sound is represented by a combination of letters

theme

/θi:m/

shirt

/ʃɜ:(r)t/

photo

/'fəʊtəʊ/

sock

/sɒk/

root

/ru:t/



4

A single letter represents more than one sound.

box /bɒks/

exam /ɪg'zæm/

5

A letter does not represent any sound.

knight /naɪt/

debt /det/

6

There is no letter to represent sounds that occur.

/j/

use /juːz/

perfume /pə'r'fjuːm/

International **P**honetic **A**lphabet



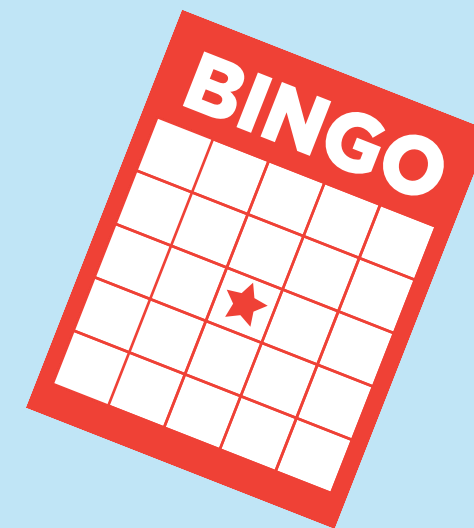
The **alphabet** would be **unambiguous**: each sound would have exactly one symbol, and each symbol would represent only one sound.



The alphabet would be universal. There would be enough symbols so that **every sound** in every human language **could be represented**.

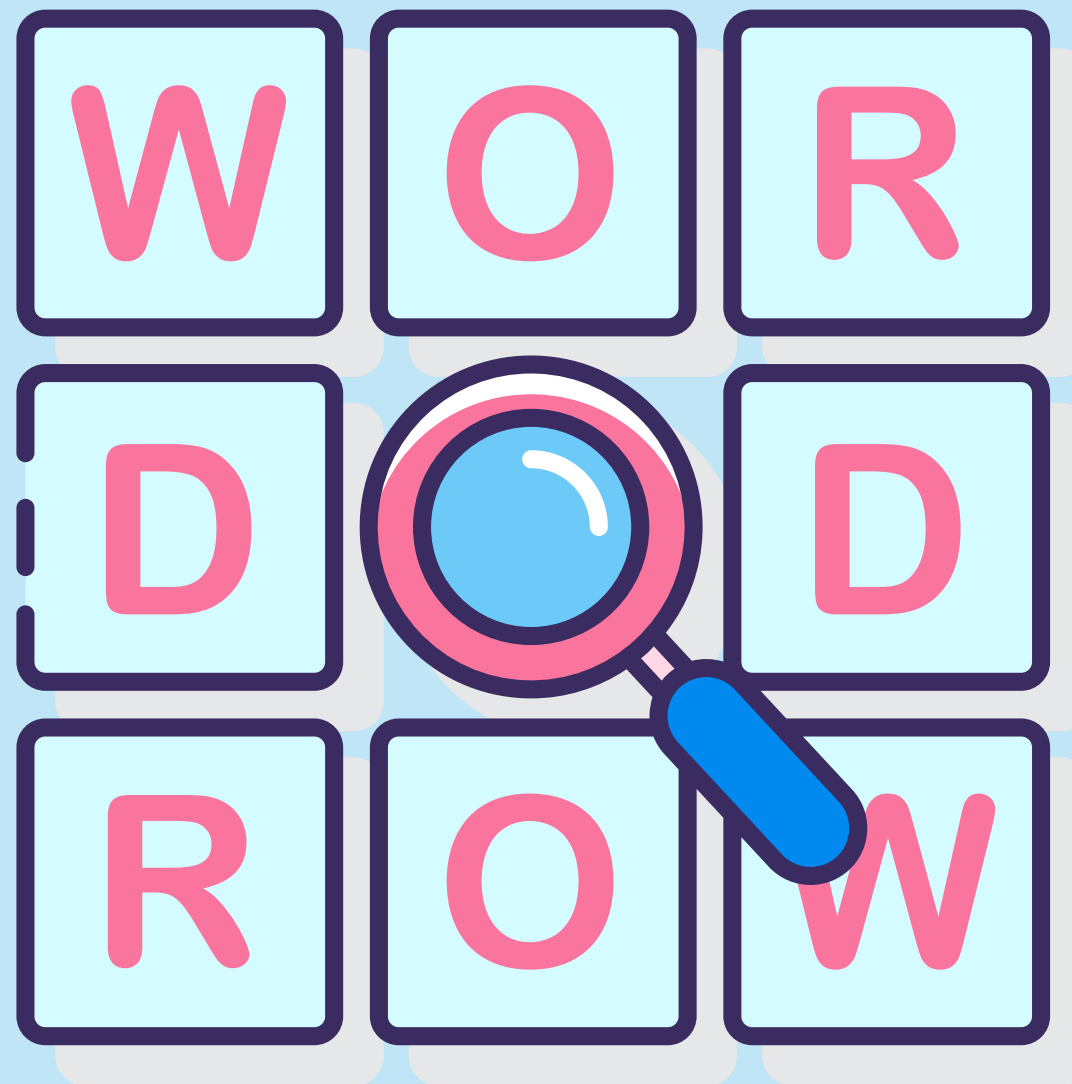


BINGO



/p/	/b/	/t/	/d/	/k/	/g/
/m/	/n/	/ŋ/	/f/	/v/	/θ/
/ð/	/s/	/z/	/ʃ/	/ʒ/	/h/
/tʃ/	/dʒ/	/l/	/w/	/ɹ/	/j/

word search



[illegible]

clues



1. A person whose job is teaching, especially in a school.
2. A large bird that is often kept for its eggs or meat.
3. To stop and hold a moving object or person, especially in your hands.
4. A hard brown sweet food made from cocoa beans used in cooking to add taste to cakes, etc. or eaten as a sweet.
5. An area of sand or small stones, next to the sea or a lake.
6. Looking at somebody/something for a time, paying attention to what happens.
7. A thing that is difficult to deal with or to understand.
8. The study of speech sounds and how they are produced

TASK

Thai vs English Sound Challenge

Students listen to pairs of sounds and discuss which are found in Thai and which are not.

Examples:

- /t/ vs /θ/
- /w/ vs /v/
- /s/ vs /z/



THANK YOU