

Universal Phonetic Alphabet (UPA)

Tweets For Arabic & English Volunteer Teachers in Gaza

#Geometric_Phonetic_Letters for Blind and Sighted -0

To Gaza displaced children who survived the 2 year genocide and were deprived of schools, homes, food, electricity and gas, and to all the children of Palestine who aspire to a bright future in their homeland in order to teach the world the new Universal Phonetic Alphabet.
[_tahawaw.com/wp-content/upl_____](https://tahawaw.com/wp-content/upl_____)

#Geometric_Phonetic_Letters for Blind and Sighted -1

The children draw 6 short un-dotted letters in space or on sand.

- Alif, Meem: Angle of a square & Closed square.
- Ha, Ayn: Open square from left & from right.
- Seen, Sad: Open square from top & from bottom.

https://tahawaw.com/wp-content/upl_____

#Geometric_Phonetic_Letters for Blind and Sighted -2

The children draw and pronounce 6 short un-dotted letters with 3 short horizontal vowels, and 3 long vertical vowels above or below them in space or on sand.

- Fathah and Kasrah are two straight sides.
- Dummah is a square and one side.

https://tahawaw.com/wp-content/upl_____

#Geometric_Phonetic_Letters for Blind and Sighted -3

The children draw and pronounce 7 long un-dotted letters (ر و ك هـ) (ل د ط) and 6 vowels in space or on sand by:

- adding one side above (ا ح م)
- adding 2 sides below (ل د ط)
- adding 2 sides above (ر و ك هـ)

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#Geometric_Phonetic_Letters for Blind and Sighted -4

Children learn types of letters: Abjad and Arabic, guttural and oral, soft and hard, short and long, dotted and un-dotted, Tardi and Ahmadi order.

Children draw words and names using un-dotted letters.

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#Geometric_Phonetic_Letters for Blind and Sighted -5

Children learn to create 15 dotted letters by dotting all 6 short letters (angle, 4 open squares, a square) and 3 long letters (T, r, d) (ﻝ, ﺭ, ﺩ) (ﺍ, ﺏ, ﺕ).

Children draw words and their names using geometric letters.

<https://tahawaw.com/wp-content/uploads/2022/11/geometric-letters-5.pdf>

#Geometric_Phonetic_Letters for Blind and Sighted -6

We match soft and hard geometric letters with small, capital and compound Latin letters. 3 Arabic guttural letters (ﻉ, ﺡ, ﻝ) (ﻉ, ﺡ, ﻝ) are matched with 3 polysounding Latin letters (x, c, q). 4 English letters (p, g, v, ch) (ﭗ, ﮒ, ﻭ, ﭼ) were added.

<https://pbs.twimg.com/media/G77jOLAXsAAiMKF?format=jpg&name=900x900>

We match small and capital Latin vowels, (a, u, i, e, o) and (A, U, I, E, O) with short horizontal (ﺍ, ﺓ, ﺓ, ﺓ, ﺓ) and long vertical (ﺓ, ﺓ, ﺓ, ﺓ, ﺓ) Arabic Movements. Kashah and Offah (e, o) are represented by inverted geometric Shaddah and Dummah (ﻪ, ﻮ).

<https://pbs.twimg.com/media/G77TYQdWoAEnvAr?format=jpg&name=medium>

Writing with geometric letters relies on square and double square simple models. When researching the use of dots for these 2 models to facilitate writing for the blind, we came across Braille letters.

<https://tahawaw.com/wp-content/uploads/2022/11/braille-letters-6.pdf>

#Geometric_Phonetic_Letters for Blind and Sighted -7

(Taha/Taham) is a simplified version of Arabic letters based on shapes made up of sides of a square or 2 joined squares.

(brAy/brAym) letters are based on symbols made up of dots where the sides meet.

<https://tahawaw.com/wp-content/uploads/2022/11/brAy-letters-7.pdf>

#Geometric_Phonetic_Letters for Blind and Sighted -8

The Braille codes in the first line based on the upper dotted square model, were matched with the first 10 lowercase Latin letters (abcd efghij) and with 7 geometric phonetic letters and 3 movements.

<https://tahawaw.com/wp-content/uploads/2022/11/brAy-letters-8.pdf>

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#Geometric_Phonetic_Letters for Blind and Sighted -9

Braille codes in 2nd and half 3rd line were matched with 15 small Latin letters (klmn opqrst) (uv xyz) and with 13 Geometric phonetic letters and 2 short movements (o, u):

(ع ر س ت o p ك ل م ن) (نِيْثُ ثُ) (تَبْجَ جَ پَ نَهْجَ).

[tahawaw.com/wp-content/upl](https://tahawaw.com/wp-content/uploads/2022/11/geometric-letters-9.pdf)

#Geometric_Phonetic_Letters for Blind and Sighted -10

Braille codes in the second half of the third line were matched with 5 capital Latin letters (S, Z/Dh, K, P/dh, T) and 5 hard Arabic letters, except (dh), that does not exist in Latin

(ط ذ ق ظ ص) (ح . هـ . ث . ك . ط).

[https://tahawaw.com/wp-content/upl](https://tahawaw.com/wp-content/uploads/2022/11/geometric-letters-10.pdf)

#Geometric_Phonetic_Letters for Blind and Sighted -11

Matching Braille codes in 4th line with 9 capital Latin letters : (H/ch, Q/gh, F/sh, B/th, C/kh, D, I, U, O) and small (w), and with 6 Arabic letters (ق , ح , هـ , ث , ذ , حـ , و) and with 3

Mads: (غ ش ث خ ض و) (مد كسر، مد ضم، مد أوف) (ـَ . ـِ . ـُ)

[tahawaw.com/wp-content/upl](https://tahawaw.com/wp-content/uploads/2022/11/geometric-letters-11.pdf)

#Geometric_Phonetic_Letters for Blind and Sighted -12

Matching Braille codes in 5th line and 6th line with:

-7 special characters (, ; : . ? !) and 3 Tanween marks (L,M,N) (ـِ . ـٍ . ـٍ).

-8 capital Latin letters or 2 long Movements (A, E) ,4 Arabic letters, Sukoon, Shaddah. (#, -).

[tahawaw.com/wp-content/upl](https://tahawaw.com/wp-content/uploads/2022/11/geometric-letters-12.pdf)

#Geometric_Phonetic_Letters for Blind and Sighted -13

Matching Braille codes with lowercase and uppercase Latin letters and with Arabic letters in a table of 6 lines and 60 codes.

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#Geometric_Phonetic_Letters for Blind and Sighted -14

Matching Braille codes with lowercase and uppercase Latin letters and with Arabic and English Geometric letters in a table of 6 lines and 60 codes.

[https://tahawaw.com/wp-content/upl](https://tahawaw.com/wp-content/uploads/2022/11/geometric-letters-14.pdf)