The Arabic script

We ask our students to familiarise themselves with the Arabic script before they come up. The point is precisely familiarity. Arabic presents a strange set of sounds, of squiggles and of vocabulary, and that gives people a huge cognitive load right at the start. Learning the script in advance gives you a head start with this familiarisation process, and unlike during Cambridge term time, you can do it at your own pace and let yourself really absorb it. The more comfortable you are with the script when you start to get to grips with the language itself, the more it eases your learning early on, and this advantage can last through the year.

We're not expecting fluent reading, but an ability to recognise the letters and to work out the pronunciation of words when vowels are written, even if this is slow. You can learn this in whichever way you like, but we have two resources you may find helpful, particularly if you combine both.

A website: https://www.langcen.cam.ac.uk/opencourseware/arabic/ae/arabic-essentials.html. Please ignore the guidelines for handwriting in this package. It teaches you to copy the printed form of the letters, which you would have to unlearn later, as we teach you the normal handwritten form from the start of the course. But do listen to the sounds and have a go at pronouncing them. Most of the videos with sounds give the name of the letter rather than the sound of it, but in fact the sound of the letter itself is the first sound of its name (except for the first letter, 'alif). We will of course go over the sounds too at the beginning of the course. However you actually learn the letters, some of the exercises on this site will be useful in reinforcing them. I particularly recommend:

Flashcards

Reading (these are all English words regularly used in Arabic, or Arabic words that we use in English)

Match the halves

Special letters. It is worth learning the meanings of some of these words:

- 1. a Reading these words from right to left, the first two are names, and the third you should recognise. The words after that mean, in order: female student, school, university, magazine, room, coffee, car.
 - 2. The words mean (right to left) no, peace, speech, necessary
 - 3. A girl's name, on, he saw.

This worksheet: This has no sound, but does tell you how to properly handwrite the letters. But you don't need to get to grips with that before you start the course unless you'd like to. It also gives you more vocabulary that would help you to get a head start.

The website has the advantage of including sound and some very useful exercises, and this worksheet has more detailed explanations, more vocabulary and some other useful exercises.

If you need more practice on any particular item, a good book to use is Wightwick, J, and Gaafar, M. *Mastering Arabic Script* or *Mastering Arabic*, but any introductory textbook to Standard Arabic will cover this ground. We will have a session at the beginning of the year to go over some of the material from this worksheet and answer any questions you have.

If you use this worksheet, we would strongly recommend working through each exercise once, then go through it again, pronouncing the word aloud. Then perhaps read it through again. There is a lot of repetition, with the aim of helping you to get comfortable with the script and some of the vocabulary and phrasing, to help reduce the cognitive load at the beginning of the year. For the same reason, spacing this out over a period of months will be more useful than cramming it into the last week before you come. The vocabulary in bold below will appear fairly early on in the course. We will go over it as it comes up, but familiarising yourself with some or all of these words beforehand will make things easier for you, giving you less to learn later and allowing some things to settle and be more integrated before the course starts. All of the words here are used in both Standard and Colloquial Egyptian Arabic, the dialect we teach in the first year, except those words marked with an asterisk, which occur only in Standard Arabic.

If you would like anything checked or have any other questions, please feel free to contact Dr Rachael Harris (rmh1001@cam.ac.uk) in the Department. Any suggestions for improving this worksheet would be very much appreciated!

1. The alphabet

Arabic letters are almost always written joined up. So each has a basic shape, a way of connecting it to preceding and subsequent letters, and a tail - a final flourish for when it is written alone or at the end of words. This means that each letter has up to four shapes: at the beginning, middle and end of a word, and in isolation. Writing is right to left.

Handwriting: for most Arabic letters just copying the printed form will give you a good handwritten version, and for these there are no notes on how to do it. Where it's not obvious which order to do the strokes in, there are notes on this at the end of the exercises to help you get into good habits from the start. A few letters have very different handwritten and printed forms, but you can just keep to the printed form for now. As in English, you write a string of letters in one continuous line without lifting the pen off the paper until you get to the end of the word, or to a letter that doesn't join onto the following one. Then you go back and add in the dots, and sometimes extra lines to the shape of the letter itself.

2					
Alone Name	Alone	Initial	Medial	Final	Transliteration
أًلِف ا	1	1	L	L	ā (long 'aa'- only a vowel, not a consonant)
باء ب	ب	ب	÷	ب	b
تاء ت	ت	ت	<u> </u>	ت	t
ثاء ث	ث	ڎ	<u>~</u>	ث	th (as in 'thin')
جيم ج	٤	÷	÷	₹-	j
حاء ح	۲	_	_	ح	Н
خاء خ	Ċ	خ	خ	خ	kh
دال د	د	د	۔	٦	d
ذال ذ	ذ	ذ	ند	ند	dh (like the 'th' in 'the')
راء ر	ر	ر	-ر	-ر	r
زا <i>ي</i> ز	ز	ز	-ز	-ز	Z
سىين س	س	ىب		<u> </u>	S
شىين ش	ش	شـ	ـشـ	<u>ش</u>	sh
صاد ص	ص	صـ	ے۔	ے	S
ضاد ض	ض	ضـ	خــ	<u>ٺ</u>	D
طاء ط	ط	ط	ـــــــــــــــــــــــــــــــــــــــ	لط	Т
ظاء ظ	ظ	ظـ	ظ	ظ	DH
عَيْن ع	ع	ع	ے	_ع	ع
غَيْن غ	غ	غ	غ	_غ	gh
فاء ف	ف	فـ	<u> </u>	ف	f
قاف ق	ق	قـ	<u> </u>	_ق	q
كاف ك	ك	2	_	브	k
لام ل	J	١	1	ـل	I
میم م	م	هــ		ح	m
نون ن	ن	ن	<u> </u>	ـن	n
هاء ه	٥	_&		_ه	h

*The six letters ا، د، ذ، ر، ن، و never join to following letters.

Note: When I ('alif) follows J they are written ⅓ if not joined to a previous letter and ⅙ if joined.

2. Vowels:

Short vowel signs go above or below the consonant they follow. In most texts they are not written, except to clarify ambiguities:

Long vowels are written after the consonant they follow: L = aa; = uu; = ii.

Exercises 1, 3, 5 & 7 work through the alphabet gradually introducing all of the letters. Try to remember the words in **bold**, the others are just for reading practice. Work your way through them as far as you find useful. Question marks in place of the meaning mean that you might be able to guess it from English or from what has gone before (answers in the footnotes). Exercises 2, 4, 6 & 9 are to help to reinforce the words in bold, and give some beginnings of putting words together.

Exercise 1. Read the following, starting on the right:

باب door	pope بابا	بِنْت girl	بَنات girls
بُیت house	بَیْن between	بابي my door	our daughter ينثنا
بنتي my daughter	بُناتي my daughters	بَيْتنا our house	بیننا between us
our daughters بُناتنا	we built بَنَينا	يَبْني* he builds	نَبِيّ prophet

Note: the sign means that the consonant is pronounced double, like the t+t in 'hot tea'. See section 4 below.

بابي وَبنتي is always written as part of the following word, e.g بابي

1. The footnotes refer to the answers on p.14.

بُوّاب doorman	بُیوت houses	مِنْ from	يَوْم day
مَن who	مُوْت death	بُموت he dies	کتاب book
کُتُب books	کُتُبنا our books	مَكْتَب office	مُکاتِب offices
كَتُبْت I wrote	تُكْتُب* she writes	your (m.) book *کتابكَ	your (f.) book *کتابك

You use کتابك for 'your book' to men/boys and کتابك to women/girls. F. and m. are 'feminine' and 'masculine'.

کان he was	كُنْت I was	نام he slept	نمت I slept
تُمام complete, OK	بنایات buildings	کُم how much*	what ام
يَمَنيّ Yemeni	مُمْكِنِ possible	مُکان place	لُبْنان Lebanon
مَلِك king	کُلْبِ dog	money, wealth مال	no ⅓

(See the note at the end of the alphabet if you're not sure what this last one is.)

Libya ليبيا	مُلُوك kings	کُلام speech	بال attention
	کلاب dogs	لَیْل night	ليبيّون* Libyans

- 1) Since you don't lift pen from paper until there's a break, the letter 'alif' in a word like بأب is written upwards, not downwards. It's written downwards when not joined to anything in front.
- 2) 9 Start writing at the point where the lines join and form the circle going left first then up, right, down.
- 3) م In isolation: start at the top left.
- At the beginning of a word or group of letters: start at the point where the lines join and go either way round.
- ے۔ In the middle: in handwriting the loop goes under the line, not above it as in print.
- At the end of a word: do a loop downwards, as with the form in the middle, then carry on a bit left then down for the tail.
- 4) \leq At the beginning of a word or group of letters, if you think of the shape as like a leg and foot with the knee pointing left, start at the knee and go down. When you've got to the end of the word or the letter group, go back and add the top diagonal stroke, downwards.
- In the middle, start at the bottom right where the line comes in, go up to the 'knee' and down again, then carry on with the line. Add the top diagonal afterwards.
- 5) \checkmark On its own: do the \lor as a downstroke finishing on the left side of the letter. Then do the alif as a separate downstroke in a steep diagonal down from the top left of the letter to where it meets the \lor .
- Joined to a previous letter: similar but go up into the
 ∫ first.

Exercise 2. A pause. a) Do you remember what the following mean? (Answers²)

b) Given some of the words above, what do the following mean? (Answers³)

Exercise 3. Some more letters:

بِلاد country	بَلَد town	دین religion	وَلَد boy
دولارات dollars	دولار dollar	لَنْدُن	والد father
َ ، بیروت Beirut	دار house	برید post	بارد cold
نار fire	نور light	کَریم generous	کَبیر* big
مُمْتاز excellent	كومبيوتر ?⁴	کَنُدا ?	نيو يورك?
زَيْنَب Zeinab	وَرْير minister	زُرْت I visited	he visited زار
مُحَمَّد Mohamed	بَحْر sea	حَبِيبِ beloved	love حُبُّ
لَبَن milk	تُحْت under	حَياتي my life	مَحْمود Mahmoud
b	جَميل eautiful, handsome	مُبارَك Mubarak	حُسنْي Husni
حاج ّ pilgrim	حَـجٌ pilgrimage	it is necessary *يَجِب	واجِبِ homework
زُواج marriage	رُوْج husband, couple	he needs *چتاج	حارّ hot
reason سَبُب	رَجِلُ* man	بَديد* new	he marries * يَتَزَوَّ ج
نَدْرُس* we study	يُدْرُس* he studies	سىوريا Syria	سَلام peace
شا <i>ي</i> tea	شَجَر trees	تونِس Tunisia	*یَدْرُسنون they study
sun شُمُس	north شَمَال grass	ر درس lesson ح	شَكُلُ form, shape

- 6) Note the difference between ع and ى. This shows up in particular when they're joined to the previous letter. عد starts at the level of the line, goes up and comes back down the same way. عن starts on the level of the line and only goes up a little before going down. It's also curved rather than angled like عن Same for غ and ن.
- 7) خ، خ (These are different in handwriting. For the moment just copy the printed form, which means that

they're the only exception to the rule that you don't lift the pen off the paper until you get to a gap.

Exercise 4. Another pause: what do the following mean? Note that a singular noun on its own generally translates as 'a such-and-such', e.g. وَلَد can be translated as 'a boy'.

لا، كَبير، نور، مَكتَب، واجب، من، رَجُلُووَلَد، كتاب، بنت، واجبي، جَديد، باب، جَميل، ولَد جَميل (a) (handsome boy)، كتاب جَديد، مَكتَب كَبير، مِن رَجُل، نور جَديد، كتاب كَبير، ولَد وَبنِت شَمس, بابك، من، بين بنت وَولَد. (Answers)

Exercise 5. More letters:

طُويل long, tall	مُطار airport	طَبِیب doctor	طالِب student
	ستَعيد happy	عَمَل work	وَطَن homeland
	يَعْمَلُونَ* they work	واسيع wide, spacious	يُرْجِع* he returns
	عَیْن eye	عید festival	تَعْمَلِينِ* you (f.) work
ف <i>ي</i> in	عنْدُكُ* you (m.) have	عنْدي I have	شارِع street
ياسىر Yasir	فَرَنسا France	نَعْرِف* we know	يُعْرِف* he knows
east شَرْقَ	we returned *نُجُعْنَا	تَرْجِعِ* she returns	بَعيدُ* عَن far from
	قریب مِن near to	سَفُر travel	قَلَم pen
عَطْشان thirsty	تَعْبان tired	وَقْت time	مُعَ with
		طفْل child	جَوْعان hungry

- 8) \bot (and \bot) Wherever it is in the word, start with the loop. If there's no letter before this, you start at the left of the loop and go rightwards and up, then back down and along the bottom. The 'stick' is added on as a downstroke at the end, after you've got to the end of the line of letters if there is one, or even if you're writing the letter on its own.
- In the middle of a word the line comes in from the right, continues along the bottom, then loops up and back, then down and round and back to continue the line towards the left.
- 9) $\underline{\xi}$ (and $\underline{\xi}$) In the middle of a word, $\underline{\xi}$ starts with the line going up diagonally to the left, then horizontally to the right, then diagonally down to the left, forming a triangular shape.
- ullet At the end of a word, it's the same, but with the tail coming down from where the two lines cross.

Exercise 6. What do the following mean? (Answers⁶)

Exercise 7. The last group of letters:

هـيَ she	هُوَ heَ	ھُم they	i've understood فَهِمْت
فَهُمنا we've understood	هُنا* here	هُناك* there	وَجُه* face
صنًباح morning	صَحِيح correct	صَعْب difficult	مصرْ* Egypt
صَديق friend	مُريض III	ضَرَبَت* she hit	ءۂ بیض eggs
صفْر zero	قَصير short	ضابِط officer	دِمَشْنْق Damascus
sheikh شُيْخ	شُیُوخ sheikhs	خُرَجُ he went out	خُبْز* bread
شَخْص person	خاصّ special	عَقْل mind	فروج exit
غَرْب west	خالِد Khalid	صَغير* small	غَريب strange
غَرْبِيُونِ* westerners	بَغْداًد ?	يُشاهد* he watches	شَـهَدِيد martyr
لَدید delicious	يَذْكُر* he remembers	ذَهُب* ُ he went	غَريْب strange
تَذْهُبِين * you (f.) go	نَحْنُ* we	ثالث* third	ثَمَ <i>ن</i> * price
research بُحْث	ثاني second	ظُهُر noon	ظَهْر back
يَظْهُر* it appears	ظَنَنْت* I thought	حَظٌ luck	حَظٌ سَعِيد good luck

- 10) a (and a see section 3) In isolation, start at the top and go down the right side of the circle and up the left.
- △ At the beginning of a word or letter group, start by doing a backwards 'C'. When you reach the bottom of the letter, on the line, do a smaller loop upwards that tucks under the left-hand end of the 'C'.
- In the middle of the word the commonest way to write this is by doing a diagonal leftwards stroke down below the line, then a vertical stroke back up to the line, the two making a sharp point, a 'v' shape a bit like an inverted shark's fin. It goes below the line about the same distance as the s and similar letters go above the line.
- ← At the end of a word, start with the line going vertically upwards, then do the semi-circle round and down to the left. There isn't an extra bit sticking up on the vertical line in the handwritten version.
- and صـ and صـ (and ض) In isolation and at the beginning of a word, start at the point where the lines join and go up and rightwards then down and leftwards along the line to complete the loop. Then do a 'tooth', a little sticking up line to finish the letter. At the end of the word, the tail comes straight down from this 'tooth'.

and at the end of words, the line comes in from the right and continutes straight to the point where the lines join. Then go up and back to the right to form the loop, down and back along the same line to complete it. The rest is as above.

Exercise 8. Match these Arabic words with their English meanings: (Answers⁷)

a) telephone	g) Arabs	۷. سئكّر	۱. سینَما
b) Muslim	h) film	٨. تلفون	۲. بَنْك
c) sugar	i) felafel	٩. مُسلم	٣. جُمَل
d) cat	j) cinema	١٠. عَرَب	٤. دُكْتور
e) bank	k) doctor (title)	١١. فِلْم	ه. قطّ
f) camel		•	٦. فُلافل

Note: you will also find it useful to learn the Arabic way to write numbers. They go **left to right**. Note that Λ is written in one pen movement, starting at the bottom right.

هُوَ Exercise 9. Here are some sentences. Note that in this kind of sentence the verb 'to be' is not used, so عالب means 'He is a student'. Note also that هُوَ and هُوَ mean 'it' for things referred to by masculine and feminine words respectively. (Watch out for names!) (Answers⁸)

The letter as on the end of the word 'فَتُحة' (the 'a' vowel) is called تاء مَرْبوطة (taa' marbuuTa) and is a combination of a and ت. It is always preceded by فَتُحة ('a') (occasionally a long 'aa') and the two together are mostly pronounced just 'a', but when in close connection with the following word (to be explained later), or when reading aloud with full vowelling, خَ is pronounced 'at'.

Exercise 10. Read the following, pronouncing the 3 as 'a':

جامعة university طالبة female doctor مَدْرَسة school مَدْرَسة

Exercise 11. Using the further vocabulary given here, read and translate the phrases below.

means 'a big university'.) Note that adding a to the end of a word generally makes it feminine: جامعة كُبيرة a female student; جُديدة new (feminine). What are the rules for agreement in gender? (Answers⁹)

عَرَبِيّ Arab, Arabic	غُرُفة room
٩. طالِبة مُسلِمة	١. طالِب عَرَبِيّ
١٠. مُدرُسة جُديدة	٢. طالِبة عَرَبيّة
١١. كتاب عَرَبيّ	٣. غُرفة جَديدة
١٢. بنت عَرَبيّة	٤. طالب جَديد
١٣. جامِعة عَرَبيّة كَبيرة	٥. عَمَل صَعب
۱٤. قَلَم صَغير	٦. جامعة صَغيرة
١٥. مُدرَسة جَميلة	۷. صَباح جدید
١٦. غُرفة صَغيرة	٨. غُرفة صَغيرة

4. ″

The sign si called شَدَّة 'shadda', and when written above a consonant makes it double, e.g. سَكُرّ 'sukkar' above. Note that a شيدة may be written under the consonant as usual, or above the consonant but under the makes it double, e.g. ثيدة is usually not written in unvowelled texts.

Exercise 12.

Exercise 13. Read the following - if you prefer a pictorial presentation, see Alif Baa pp.116-8 and 113-4!

Exercise 14. True or false? (translations¹⁰)

(The ة in مَدينة is pronounced '-at' here: 'the city of ...'.) مُدينة means: 'There is a university in London.'

a) The sign ۽ is called هُمْزُة 'hamza', and is pronounced as a glottal stop and transliterated here with an apostrophe. It may be written on its own, as in the letter names given above, or above an ال , a و, or a without the dots, or it may be written below an l. These letters are called the seats (کُرْسـیّ) for the There are rules for which گُرستی to use when, and the easiest of the rules is given below, but for the moment you mainly need to recognize the هُمزة when reading. In careful writing or printing, even of unvowelled texts, the همزة is always written.

Exercise 15. Read the names of the letters of the alphabet.

b) At the beginning of a word هَمَزة is written on an أَلْف if the vowel that follows it is هَمَزة ('a') or ضَمَّة ('u'), and under the گَسْرة if the vowel is گَسْرة ('i').

Exercise 16. Read the following:

سىئوال question	أَكْل food	ماء* water	أُستاذ lecturer
رُقَساء presidents	رَئيس president	مُوَّذِّن muezzin	إمام imam
you (to a female) أُنْت	you (to a male) أَنْتَ	أَنا ا	اً وُلاد boys
أُبْيَضُ white	أَسنُود black	أُستاذة ?11	he began بَدَأَ
أًب father	mother أُمّ	إسىْرائيل Israel	اً خ brother

6. Three kinds of long 'aa': a) آ b) ی c) '

Exercise 17.

a) When an أَلِفَ هُمِزة would be followed by another أَلِفَ هُمِزة the two together are instead written as a single مُدَّة with a sign called a أَلْفَ الْفُ الْفُ الْفُ ('aa).

mirror مَرْاَة now مَرْاَة he believed الْقُرُان the Qur'aan مَرْاَة

b) On some words a final long 'aa' is written as a ياء without dots, called "alif maqSuura'. When an ending is added to such a word, so that the ی is no longer final, it changes to an ordinary (اً لِف طُويلة:

c) 'Dagger alif': a miniature الَّافِ written above a letter in a few words, indicating the long 'aa' vowel:

that غُذُا* **this (fem.)** هُذُهُ this (masc.) *هُذُا

The مَدُّة and the dagger alif are not written in unvowelled texts.

Exercise 18. Some revision, and some new words to learn: (translations¹²)

Exercise 19. A pause. What do the following sentences mean? All the words are in bold somewhere above. (Answers¹³)

Grammatical terms:

Our current students have suggested that you will also find it helpful to have some familiarity with grammatical terms in English if you don't already, e.g. adverb, preposition, conjunction, subject, predicate, object, active,

passive, transitive/intransitive verbs, suffix, participle, infinitive, relative clause, conditional sentence.

Answers

- 1. our door
- 2. Ex.2 a) door, book, Libya, from, girl/daughter, no, your (f.) book, between, from, door, no, girl/daughter, book, possible, my door, my daughter, what, your (m.) book, an office and a door.
- 3. Ex.2 b) my book, our house, my daughter, your (m.) book, your house, our office, our daughter, your (f.) book, our door, your (f.) book.
- 4.نيو يورك. New York; خيو يورك = Canada; كندا = Canada; كومبيوتر
- 5.Ex.4 no, big, light, an office, homework, from, a man and a boy, a book, a girl, my homework, new, a door, beautiful/handsome, a handsome boy, a new book, a big office, from a man, a new light, a big book, a boy and a girl, sun, your (m.) door, between a girl and a boy.
- 6. Ex.6: a beautiful office, a new student, a beautiful girl, a pen and a book, no, a boy with a student, a big pen, your (f.) pen, a man in an office, a new pen and a beautiful book, our student and my work, sun 7.Ex.8 a) 8, b) 9, c) 7, d) 5, e) 2, f) 3, g) 10, h) 11, i) 6, j) 1, k) 4.
- 8.Ex.9 1. He's a boy. 2. Mahmoud is a student. 3. It is difficult work. 4. It's new homework. 5. He is a boy with a pen. 6. Muhammad is a handsome man. 7. She is from Syria. 8. Yasir is a small boy. 9. It is a small book from Syria. 10. She is a girl from London. 11. They are from Libya. 12. It is a beautiful morning. 13. Our student is new. 14. Your homework is difficult.
- 9.Ex.11 1. an Arab student (m.) 2. an Arab student (f.) 3. a new room 4. a new student (m.) 5. difficult work 6. a small university 7. a new morning 8. a small room 9. a Muslim student (f.) 10. a new school 11. an Arabic book 12. an Arab girl 13. a big Arabic university 14. a small pen 15. a beautiful school (f.) 16. a small room
- 10.Ex.14. 1. The city of Beirut is in France. 2. The city of London is near Libya. 3. The city of Cambridge is small. 4. The University of Cambridge is new. 5. In the city of London (there) is a big university. 6. In the University of Cambridge (there) is a big office.
- 11. Female lecturer
- 12.Ex.18. Egypt, question, city, small, yes; no
- I; you (m.); you (f.); he; she
- this (m.); this (f.); but; Allah
- 13. Ex.19. 1. This is a small/young man. And he is (a) Muslim. 2. This is a small city. 3. This is a small school and this is a difficult book. 4. This is an Arabic lecturer (f.). And she is new. 5. This is a big room with an office/desk. 6. He is a lecturer in the University of London and he is from Syria. 7. Are you a new student? No. I am a student from an Arab university. 8. This is a difficult question. 9. It is a new room.