## English Alphabetic Code with the International Phonetic Alphabet

| The English langua represent the 44 <br> 1. one sound <br> 2. one sound <br> 3. one graph <br> On this Alphabet are shown in blue high-pitched such | age has a fascinating r so smallest sound (phoneme) can be can be represented eme (letter or letter ic Code Chart, the The vowel sounds as $/ \mathrm{s} /$ and $/ \mathrm{t} /$. Teach | g history - but this identifiable in En represented by one by multiple spelling group) can repres units of sound (p provide the main ers need to teach | has resulted in a lish speech in thre e, two, three or four alternatives (gro nt multiple sounds nemes or combin lume and depth in e separate units | omplex alphabe complicated way letters: e.g. \|a| hemes): e.g. loa e.g. 'ough': loal d phonemes) are spoken words wh sounds carefully | code for the writ <br> apple, Ifl ph in , oa, ow, oe, o-e ugh, lorl though wn in slash marks as the consonant oiding the added | system whe <br> otograph, lig eau, ough long /ool th Vowel sounds unds are gen hwa' or "uh" | 26 letters of the alphabet <br> h in night, loal ough in dough <br> , /oul plough, /u/ thorough own in red and consonant sounds much quieter and sometimes very : e.g. "sss" not "suh"; "t" not "tuh". |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| units of sound <br> + IPA symbols | simple code key words | complex $+ \text { key w }$ | code rds | graphemes which a | r spelling alt code for the | rnatives sounds | information |
| $\|a\|$ /æ/ | a apple |  |  |  |  |  | The Synthetic Phonics Teaching Principles |
| \|e| $\mid \varepsilon /$ |  |  | $-a i$ <br> said again |  |  |  | Teach the KNOWLEDGE of the alphabetic code; that is, the letter/s-sound correspondences. |
|  |  | -y |  |  |  |  | Teach the THREE CORE SKILLS: <br> 1. DECODING: Sound out and |
| /0\| /D/ | $0 \text { Nof }$ | $\mathfrak{N a}$ | qua qualify | $\equiv<$ |  |  | blend all-through-the-printed-word for reading unknown words. |
| \|u/ | u umbrella | $\mathrm{O}$ | $-\mathrm{OU}$ <br> touch | ough <br> no thoroughfa |  |  | 2. ENCODING: Orally segment <br> (identify) the sounds all-through-the-spoken-word for spelling; then select the correct graphemes AS CODE |
| \|ai/ | $\text { ai }+\infty$ <br> first aid | -ay <br> tray | a <br> table | ae | $a-e$ <br> cake |  | FOR the identified sounds in that particular word. <br> 3. HANDWRITING: Hold the |
| /ei/ |  | $-e y \gg$ <br> prey |  | eigh |  | -aigh <br> straight $\qquad$ | pencil with the tripod grip and form correctly the 26 upper case and 26 lower case letters on writing lines. |


| ｜ee／ | ee |  |  | $e-e$ concrete |  |  | Teach a simple code（basic or Transparent）first；that is，mainly one spelling for each sound at a rate of two to five letter／s－sound correspondences per week．The simple code is part of the complex －a first step towards <br> Keep the simple code revised and begin to introduce spelling and pronunciation alternatives of advanced or opaque code） appropriate to the age，stage and ability of the learners． <br> APPLICATION Provide a cumulative bank of words， sentences and texts at code level： 1．to model blending，segmenting spelling，and handwriting 2．for each learner to practise his or her growing skills of blending， increasingly independently． Provide cumulative，decodable reading books at code level． <br> ＇Two－pronged＇ <br> teaching approach each a systematic，planned synthetic phonics programme alongside incidental teaching of any letter／s－sound correspenden as required for differentiation，wider reading and spelling and for the wider curriculum－for individ groups and whole classes． |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| li：／ |  | ey en |  | －ine sardines |  |  |  |  |
| $\begin{aligned} & \text { between } \\ & \text { /i and ee/ } \end{aligned}$ | $\begin{aligned} & -y \\ & \text { sunny } \end{aligned}$ | ey | －ie movie |  |  |  |  |  |
| ligh／ ／ai／ | igh |  |  | $\begin{aligned} & -\mathrm{y} \\ & \mathrm{fly} \end{aligned}$ | i-e | ei <br> eider duck |  |  |
| loal | $\begin{array}{\|l} \mathrm{OQ} \\ \text { oak tree } \end{array}$ | $\text { ow } \mathfrak{b l}$ | $\begin{aligned} & \mathrm{O} \\ & \mathrm{yo-yo} \end{aligned}$ | -oe oboe | $\underset{\text { rope }}{\mathrm{O}-\mathrm{e}}$ |  |  |  |
| ／əv／ |  | ough dough | $\text { cherr }-96$ | eau <br> plateau | － |  |  |  |
| $\|y+00\|$ /j/ + /u:/ |  | U 公気里 <br> unicorn | $\mathrm{u}_{\text {tube }} \mathrm{e}$ | ew 敖等 | eu <br> pneumatic drill |  |  |  |
| $\begin{gathered} \text { short } / 00 / \\ / v / \end{gathered}$ | -00 | －oul should |  | $-\mathrm{u} \text { push }$ | $\mathrm{Col}_{\text {wolf }}^{\text {-0 }}$ | es |  |  |
|  | $00$ | －ue blue |  | $\begin{aligned} & -\mathrm{eW} \\ & \text { crew } \end{aligned}$ |  | $-\mathrm{ui}$ |  |  |
| ／u：／ |  | $\mathrm{Mou}_{\text {soup }} \mathrm{O}$ |  |  | ough <br> through |  |  |  |
| ／oi／ ／כi／ |  |  |  |  |  |  |  |  |


| ｜ou／ ／av／ | $\begin{gathered} \text { OU } \\ \text { ouch! } \end{gathered}$ | OW <br> owl | －ough <br> plough |  |  |  | Accents <br> Teaching the English alphabetic code is not an＇exact science＇and accents need to be taken into account at all times along with the notion of＇tweaking＇（modifying） pronunciation when decoding to reach the correct target word or preferred pronunciation． <br> Schwa effect for reading Modifying pronunciation also helps to raise awareness of the schwa effect（unstressed syllables）whereby， in reality，a sound close to $/ \mathrm{l} /$ is the spoken translation of the written code in words such as＇sofa＇（sofu）， ＇faster＇（fastu），＇little＇（littul）， ＇around＇（uround）．This is common． <br> Schwa effect for spelling Be aware of the schwa effect when segmenting spoken words for spelling． <br> The ability to spell accurately relies on a growing awareness of spelling alternatives and knowledge of spelling word banks（words with the same spelling and sound）．This knowledge takes much longer to acquire． Emphasise the process for spelling of SOUND－TO－PRINT rather than relying on visual memory and recall of letter order and letter names． <br> Decoding is the reverse process： PRINT－TO－SOUND． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ｜ar｜ ／a：／ | ar | $\begin{aligned} & \mathrm{a} \\ & \text { father } \\ & \stackrel{y y y}{p} \end{aligned}$ | alm <br> palm |  | －alves <br> calves |  |  |
| /or/ | $\underset{\text { fork }}{\text { or }}$ | oar |  | $\begin{gathered} \text { ore } \\ \text { snore } \end{gathered}$ | －our <br> four |  |  |
| or／awl | $\begin{aligned} & \text { aW } \\ & \text { dawn } \end{aligned}$ |  |  |  | $\begin{gathered} \text { quar } \\ \text { quarter } \end{gathered}$ |  |  |
| dependent upon regional or national accents |  | augh <br> caught |  | ough <br> thought |  |  |  |
| $\begin{gathered} \text { \|ur/or/er/ } \\ \text { /3:/ } \end{gathered}$ | er mermaid | ir |  | ear <br> earth | 圊 | VVOr <br> world |  |
| ＇schwa lerl＇ or＇schwa／ul＇ ／ə／ | -er mixer | －our <br> humour |  | re <br> theatre |  | $\begin{aligned} & \text {-Or } \\ & \text { sailor } \end{aligned}$ |  |
| ｜air｜ ／عə／ | air <br> hair | -are | -ear |  |  |  |  |
| leer／ ／Іə／ | eer | $\begin{aligned} & \text { ear } \\ & \text { ears } \\ & \text { ears } \end{aligned}$ | $\begin{aligned} & \text {-ere 薈栄 } \\ & \text { adher } \end{aligned}$ |  |  |  |  |
| ｜oor｜ ／ひə／ |  | -ure <br> sure |  |  |  |  |  |
| ｜y＋0or／ ／j／＋／ひə／ | ure <br> pure water | $0_{0}^{2}$ |  |  |  |  |  |


| units of sound |
| :--- |
| + IPA symbols |

simple code
key words

| $\ln /$ | $\mathrm{n}_{\mathrm{net}}^{\sqrt{\text { in }}}$ | $\begin{aligned} & \text { nn } \\ & \text { bonnet } \end{aligned}$ | $k_{\text {knot }}$ | $\operatorname{gnome}_{\text {gne }}$ | -ne engine |  | the sub-skills of the three core skills <br> DECODING SUB-Skills: Without print - hear the individual sounds of a word and 'discern' the word (= oral blending): hear $/ z / \mathrm{li} / / \mathrm{p} /$, say "zip"; hear /k/ loal $\mid t /$, say "coat With print - see the graphemes and say the sounds to automaticity; ph, say $/ \mathrm{f} /$ <br> Use capital letter resources - not just lower case letters. Capital letters ARE THE SAME CODE AS lower case letters. <br> ENCODING SUB-SKILLS: Without print - hear the whole spoken word said slowly, train the learner to split the word into its constituent sounds from beginning to end (= oral segmenting): "zip" "\|z/ li/ /pl"; "coat" "/k/ loal /t|" (with no print, you can use any sounds) -use the left hand, palm facing to tally the separate sounds onto the thumb and fingers from left to right With print - select grapheme tiles or magnetic letters, or write the letters, to spell the sounds identified Use manipulatives, such as grapheme tiles, at the basic code stage for young learners as they get then focus on handwriting to spell.] |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \operatorname{lng} \mid \\ / \mathrm{n} / \end{gathered}$ |  | -n jungle |  |  |  |  |  |  |
| $\mid n g+k$ \| $\mid \mathrm{h} /+/ \mathrm{k} /$ | $\operatorname{link}_{\mathrm{ink}}^{\mathrm{B}}$ | nc uncle |  |  |  |  |  |  |
| $\|\mathrm{p}\|$ | $p_{p a n} \sigma$ |  |  |  |  |  |  |  |
| $\|k+w\|$ $/ \mathrm{k} /+/ \mathrm{w} /$ | $q_{\text {queen }}^{\text {qu }}$ | kw awkward |  |  |  |  |  |  |
| $\|r\|_{\mid \lambda}$ | ${ }_{\mathrm{rat}}^{r}$ | rr arrow | $\begin{aligned} & \mathrm{Wr} \\ & \text { write } \end{aligned}$ | rh <br> rhinoceros |  |  |  |  |
| \|s/ | $\underset{\text { snake }}{S}$ | -SS 易夦 | -ce |  | $\underset{\text { city }}{\mathrm{Ci}} \mathrm{H}$ | $\begin{gathered} \text { Cy } \\ \text { bicycle } \end{gathered}$ |  |  |
| /s/ |  |  | $\begin{array}{ll} \mathrm{SC} P 8 \\ \text { scissors } \end{array}$ | $\begin{aligned} & \text {-St- } \\ & \text { caste } \end{aligned}$ | $\begin{aligned} & \text { ps pseudonym } \\ & \text { ps } \end{aligned}$ |  |  |  |
| $\mid \mathrm{tt} /{ }^{\prime \prime}$ | $\mathrm{t}_{\text {tent }}$ | $\begin{array}{\|l\|l\|} \hline-\mathrm{tt} \\ \text { letter } \end{array}$ | ${\underset{\text { skipped }}{ } \mathrm{ed} \overline{\mathcal{M}}}^{\text {s. }}$ | $\mathrm{pt} \underset{\text { pterodactyl }}{\mathscr{S}}$ <br> pterodacty | $\begin{aligned} & \text { bt } \\ & \text { debt } \end{aligned}$ |  |  |  |
| \|v| /v/ | $\mathrm{V}$ | ve dove |  |  |  |  |  |  |
| \|w/ /w/ |  |  | -u penguin |  |  |  |  |  |


| $\begin{aligned} & \|k+s\| \\ & \|k\|+\|s\| \end{aligned}$ | ${ }_{\text {fox }}^{-x}$ | -ks | -cks ${ }_{\text {cutas }} \mathrm{s}^{\text {bo }}$ | ${ }_{\text {kes }}^{\text {kes }}$ | -cs | 948 | HANDWRITING SUB-SKILLS: <br> Demonstrate the correct tripod hold <br> - for young learners say, "Froggy |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \|g+z\| \\ \|g\|+\|z\| \end{gathered}$ | -x | -gs | ${ }_{\text {çs }}^{\text {-ggs }}$ | N考 |  | (1) | the pencil with thumb and forefinge just above where the cone end slopes, make a fist and place the |
| $\left\|\|y\|_{\|j\|}\right.$ | $y_{\text {ysenn }}$ |  |  |  |  |  |  |
| $\|z\|{ }_{\|z\|}$ | $z_{z a b a} \mathrm{z}$ | ${ }_{\text {jaze }}{ }^{22}$ | ${ }_{\text {fres }}^{\text {Sties }}$ | $-\mathrm{se}$ | - -ze | $x \text { x }$ | Air write, finger-trace and copy- write graphemes whilst saying |
| $\|\mathrm{ch}\| \mathrm{tt\mid}$ |  | -tch |  |  |  |  |  |
| $\mid \operatorname{sh} /{ }_{\text {IJ }}$ | sh steep ${ }_{\text {盛 }}$ | ch che | $\underset{\text { stion }}{-\mathrm{ti}}$ | $-\mathrm{ci}$ |  | $8$ | Mini whiteboards are suitable for quick-fire 'show me' activities; for handwriting practice - use |
|  | th |  |  |  | ${ }_{\text {theres }}^{\text {the }}$ |  | paper and penct routines stting with good posture at desks, paper slanted, spare hand holding paper |
| $\|z h\|_{\|3\|}$ |  | -5 | $-z \approx$ | ${ }_{\text {courget }}$ |  |  |  |

Please note that this version of an Alphabetic Code Chart is not definitive. Further code may be discovered in both common and unusual words. The word 'giraffe', for example, is common but the grapheme 'ffe' is rare AS CODE FOR the sound IfI. Add discovered code to the chart or to the MAIN PHONICS DISPLAY WALL.
On this chart, a grey dash indicates that the particular letter/s-sound correspondence is unlikely to begin a word.
Hollow letters alert the reader to various possible pronunciations; for example, wa could be the code for / $w+a /$ as in ' $w a g$ ', but is more likely to be / $w+0 /$ as in 'watch'. This is a generic alphabetic code chart highlighting the vowel sounds followed by the consonant sounds. Alphabetic Code Charts can be designed to be programme-specific according to the order that the letter/s-sound correspondences are introduced and with specific mnemonic systems (aids to memory for the sounds and/or spellings).
Vowel sounds can be spelled with both vowel letters and consonant letters such as 'igh', 'ow', 'or', 'ough'. Teachers need to make clear when they are referring to vowel or consonant sounds, or vowel or consonant letters.

For further information, see synthetic phonics guidance documents at www.phonicsinternational.com

