## MANUAL THE

## PHONETIC ENGLISH FONT



CHRISTOPHER NUGENT

# ABOUT THE <br> <br> PHONETIC ENGLISH FONT 

 <br> <br> PHONETIC ENGLISH FONT}

The invention of the PHONETIC ENGLISH FONT for English literacy paves the way for teachers of English to radically improve the efficiency of a large volume of early literacy publications including thousands of children's story books.

The PHONETIC ENGLISH FONT presents a truly cheap and simple opportunity for schools to give new hope to many of those students ... young and old ... who have problems with basic English writing and reading skills.

Full details on this new font for basic literacy teaching are provided on.
www.phoneticenglishbible.com
. . . FOR THE MEANTIME .. .

## HOW THE FONT WORKS IN HALF A PAGE

WITHOUT changing the spellings of any English words, this new font by Virtual Phonetics Pty Ltd reduces the number of essential English sounding out or pronunciation 'rules' by

## 80\%

and less than $\mathbf{1 \%}$ of all English words
remain "out of reach" for this font.

## THIS IS HOW THE APP WORKS ON HIGHLIGHTED TEXTS

The 10 märks of the app's " phonetic English " font reduce the complexity of eur English 'sounding out' rule system down from near 360 rules to 60 and this without changing the spelling of the words.

The app is based upon a (diacritical marking) method for the teaching of basic reading that, at its very basics ... álmost ceertainly ... first originated with the teaching of Hebrew some 3000 years ago.

## WHY THIS FONT ?

THE PURPOSE OF THE FONT is to help students of English to cope more easily with the problems of our unique English 'rules' for

## PRONUNCIATION AND SPELLING

Since especially the 15th century many writers have made sensible suggestions for improvements for changes to English spelling ... but their suggestions have never been taken up : around the world, there were just too many English speaking people who saw no good reason to change their writing habits.

But the PHONETICALLY 'REGULAR' FONT that is used throughout the PHONETIC ENGLISH BIBLE SERIES is very different and it stands a reasonable chance of becoming accepted.

The thinking here is simple : this new font for PHONETICALLY REGULAR ENGLISH can be read by all readers of English WITHOUT ANY PRIOR STUDY.

The font is only a simple but computer based " diacritical marking " system that has been adapted to our existing English spelling conventions. For centuries, the marks within all such systems have only shown readers how to pronounce the words that any given language community has chosen to communicate with.

## And the PHONETIC ENGLISH FONT THAT IS USED IN THE PHONETIC ENGLISH BIBLE SERIES is no exception.

## THE 10 SIGNS OF THE PHONETIC ENGLISH FONT

Only 10 SIGNS on and around English letters enable the PHONETIC ENGLISH FONT to work. Minimum details are provided on the next page but a fully elaborated MANUAL is available on www.phoneticenglishbible.com

## Christopher Nugent 2024

## NOTE : 20 HIGH FREQUENCY 'CONNECTOR' WORDS

A TOTAL of $\mathbf{2 0}$ very high frequency 'connector' wôrds occupy a dispropórtionate volume of the wôrd count on any page. To avoid an unnecessary amount of visual clutter throughout ... the phonetic English font in the 5 PHONETIC ENGLISH BIBLE BOOKS has chosen NOT to encode the following 20 words: he she me be so no as or for you her his to into of the is are was were

## THE PHONETIC ENGLISH FONT

## 10 SIGNS AROUND THE LETTERS HOW THEY WORK

SIGN 1. Faint and smaller letters are not to be sounded out. They are silent: knob writ wrestle trouble debt

SIGN 2. BOLDED pairs of consonant letters make one common English sound unit: gh as in rough ph as in philosophy ch as in chin sh as in shut qu as in quit

SIGN 3. BOLDED single vowels a i o u changes their sounds from short to long:

| apron | even | icon | oval unit |
| :--- | :--- | :--- | :--- |
| straight though through ghost |  |  |  |

SIGN 4. A vertical line under the letters $\mathbf{c} \mathbf{g} \mathbf{\$} \mathbf{d}$ changes their sounds to $s$ j $z$ and $t$ respectively:
بell gem rubs jumped cruise
SIGN 5. A vertical line over the letters a and $\mathbf{o}$ changes their sounds to short $\mathbf{0}$ and $\mathbf{u}$ sounds respectively:
was watch quads quality yabcht come front among wonder mother

SIGN 6. A dot over the letters $\mathbf{O}$ and $\mathbf{u}$ changes their sounds to hard $\mathbf{u}$ sound : püll bùtcher böşom wöman to்' k

SIGN 7. Two dots over a letter tells you that there is an ah sound below: heärt stär läugh spärse sërgeant

SIGN 8. A horizontal curved line over a letter tells you that there is er sound below: bîrd têrm bûrn wôrthy learn
SIGN 9. A vertical ${ }^{\mathbf{c}}$ shape over a letter tells you that there is an or sound below: chá/k bóught báld bórn déughter

SIGN 10. A slanted line through a letter tells you about the sound of Ow as in 'now' sound:
bounce allowing scrounge plough

## THE PHONETIC ENGLISH FONT kEY to pronunciations

## VOWELS

a apple ant rabbit
a acórn greatly vacant
a wànt swàt quàrrel yacht
ä ärt pä/m cärnage
á áll rǻw håul
e egg empty entice
e even evil secret
e hêr vertge early
ё clërk sërgeant
i ink igloe itchy
y yet yonder yellow
i idle delight icon
y myself pigsty deny
i îrk gîrder bîrth
o orange octopús odd
0 omit over eskimo
b son mother onion

- wölf höód wöman

0 wôrd wôrse wôrk
©́ ©́rder sórt transpórt

- out scowl loudly
$\boldsymbol{\theta}$ move toe inte two
u ugly umbrella cut
$\mathbf{u}$ union unity rude
$\dot{\mathbf{u}} \mathrm{pùt} \mathrm{pu} \boldsymbol{l l}$ bútcher
( ûrge nûrse pûrple


## CONSONANTS

c cat cut cot cabbage
¢ cent city cycle
g get got gun give
g gem gentle ginger
d dig dug dog
d liked licked kissed
s sit sat set
$\mathbf{S}$ digs dogs present

Ch chat chin rich much
sh shed shut rush rash
th that then this those
th thin thick think thing
ph phone graph nephew
gh tough läugh cough
qu quickly queen quit
$r$
r

The TOP ' $r$ ' is spoken before vowels and
the BOTTOM ' $r$ ' is not usually spoken after vowels.

## THE PHONETIC ENGLISH FONT kEY to pronunciations

a apple ant rabbit
e egg empty entice
i ink igloe itchy
y typical happy
O orange octopús oggle
a wànt swàt quàrrel yà $h$ ht
u ugly umbrella cut
© son mother onion
$\dot{\mathbf{0}}$ wölf höod wöman
$\dot{\mathbf{u}}$ pùt püll bütcher
a acórn greatly vacant
e even evil secret
i ivy iron icon
$\mathbf{y}$ myself pigsty deny
O omit over eskimo
$u$ union unity rude
$\boldsymbol{\theta}$ move toe inte two
Q out scowl loudly
ä ärt pä/m cärnage
$\ddot{\text { e }}$ clërk sërgeant
e hêr vêrge early
i îrk gîrder bîrth
0 wôrd wôrse wôrth
( unge nûrse pûrple
á áll rấw hául
©́ órder sơrt transpórt

## SHORT VOWEL SOUNDS

IN ENGLISH

In the teachers' manual, SHORT VOWEL word lists are found on pages 10 through to 21 .

## LONG VOWEL SOUNDS

IN ENGLISH

In the teachers' manual, LONG VOWEL word lists are found on pages 22 through to 32 .

## ENGLISH VOWEL SOUNDS

 THAT ARE USUALLY INFLUENCED BY THE
## LETTER 'R’

In the teachers' manual, words whose VOWELS ARE INFLUENCED by the letter ' r ' are found on pages 33 to 38 .

The final word lists on pages 39 to 44 of the teachers' manual are taken up by words that can best be classified as polysyllabic and phonetically complex.

## VISUAL TRAINING DRILLS

## FOR

THE PRONUNCIATION AND SPELLING OF ENGLISH WORDS
PAGE
1 Pronunciation Keys ..... 1-6
2 Simple monosyllables such as cat grim strip shrub ..... 7
The plural $\mathbf{s}$ pronounced as $\mathbf{z}$ added to monosyllables. ..... 9
3 Mid-word (medial) consonants plus suffixes: ing er y le ed ..... 10
4 Mid word consonants -ff- -II- -ss- - zz- -sh- -ck- ..... 11
5 Mid word consonants -nk -nd- -mp- -mb- -nk- -ng- ..... 13
6 Mid word consonants -pt- -ft- -xt- -sk- -lp- -lt- -lk- -ct- -st- ..... 14
7 Ending - $\mathbf{c} e$ and $-\mathbf{g e}$ as -s and -j ..... 16
8 Silent letters / $\mathbf{\delta}$ as u: à as o : $\mathbf{u}$ as in púll : o as in göód. ..... 17
9 Long vowels: a-e rule e-e rule i-e rule o-e rule $\mathbf{u}$-e rule. ..... 19
10 Miscellaneous single medial vowel letters with long sounds. ..... 23
11 Common vowel combinations ai ay ea ie ei ee ey ..... 24
igh oa oe ow ue ui
12 The sound of and ow as in out and owl ..... 28
13
Special vowel combinations oi oy ei ..... 29
14 The är and ór and êr sounds in words ..... 30
15
Combinations such as air ס́ar ire eer and our in words ..... 34
16
Combinations such as wôrd wård and plough ..... 33
17 Polysyllabic words with endings such as: or ous able tion ity ..... 35
18
Polysyllabic words with complex phonetic English text markings ..... 39
19
Words that the phonetic English text cannot force into categories ..... 40
20
Background to the phonetic English text plus Tips on Teaching ..... 41

## SET ONE

| SET ONE | Drill 1 |  | Ending -t |  | Write and say these words. |  |  |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| rat | sat | bat | cat | fat | hat | pat |  |
| vat | mat | nut | bet | get | jet | net |  |
| pet | vet | wet | met | hit | sit | lit |  |
| sit | lit | bit | fit | hit | rot | lot |  |
| cot | dot | got | hot | not | pot | but |  |
| cut | gut | hut | jut | flat | fret | flit |  |
| spit | slit | slot | spot | spat | snot | trot |  |
| smut | grit | twit | grit | glut |  |  |  |
|  |  |  |  | strut | split | splat | sprat |
|  |  |  |  |  |  |  |  |

SET ONE Drill 2 Ending -p Write and say these words.

|  |  |  | tap | nap | tap | rip |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| sin | Ilin | hip | pip | dip | tip | zip |
| hop | mop | pop | top | cop | cup | pup |
| slap | clap | slop | snap | trap | trip | step |
| slip | snip | clip | stop | flop | skip | flip |
| trip | slop | prop | grip | crop | drip | drop |

strip strop strap scrap scrip

| SET ONE | Drill 3 |  | Ending | -n | Write and say these words. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | ---: |
|  |  |  |  |  | man | pan | tan


| SET ONE | Drill 4 | Ending | -m |  | Write and say these words. |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| dam | jam | hem | rim | dim | him | vim |
| rum | sum | gum | mum | hum | slam | cram |
| pram | tram | swam | gram | stem | slim | brim |
| grim | skim | swim | from | drum | plum | swum |
| strum |  |  |  |  |  |  |


| SET ONE | Drill 5 | Ending | -g |  | Write and say these words. |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |
| rag | sag | lag | tag | bag | nag | wag |
| leg | beg | keg | peg | big | dig | fig |
| jig | pig | wig | $\log$ | bog | hog | dog |
| fog | jog | bug | rug | hug | jug | mug |
| brag | drag | flag | snag | swag | twig | frog |
| slog | smog | snug | plug |  |  |  |


| SET ONE | Drill 6 | Ending | -d |  | Write and say these words. |  |
| :--- | :---: | :---: | :---: | :---: | :---: | ---: |
|  |  |  |  |  |  |  |
| sad | mud | bad | dad | fad | had | mad |
| pad | red | led | bed | fed | rid | lid |
| did | hid | kid | rod | cod | nod | bud |
| glad | sled | bred | bled | fled | sped | slid |
| grid | skid | prod | trod |  |  |  |


| SET ONE | Drill 7 | Ending | -b | Write and say these words. |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | nab | web | rib

## SET ONE Drill 8 Underlined \& silent letters

sh ch th th and qu Do not sound the small and slanted letters.

| shin shop | sham shrub | shot shrug | shut | shit | ship |
| :---: | :---: | :---: | :---: | :---: | :---: |
| chin then | chum than | chat them | chip <br> that | chop this | chap thin |
| quit | quip | quid |  |  |  |
| whip wrong gnash | whet <br> knap <br> numb | when knit dumb | wrap <br> knot <br> limb | wren <br> knock damn | wring gnat |

SET ONE Drill $9 \quad \mathbf{\$}$ is $\mathbf{z}$

| bans | vans | bins | dens | guns | hens |
| ---: | ---: | ---: | ---: | ---: | ---: |
| fans | pens | tens | buns | plans | twins |
| crams | prams | trams | swims | drums | grams |
| twigs | frogs | plugs | snags | flags | brags |
| grids | snobs | grubs | stabs |  |  |


| shrubs | shrugs | thins | shins | chins |
| :--- | ---: | ---: | ---: | ---: |
| wrongs | wrens | wrings | limbs | damns |

CONGRATULATIONS!

If you have found the work easy enough to this point, then there is absolutely nothing to stop you from going all the way. Keep up the good work. Don't forget to say each word out loud as you write it.

## SET TWO

| SET TWO | Drill 1 | Suffix - ing |  |  |
| :---: | :---: | :---: | :---: | :---: |
| padding | wagging | fanning | napping | tapping |
| batting | webbing | bedding | betting | tugging |
| netting | wetting | digging | ripping | sipping |
| robbing | sobbing | rubbing | patting | mopping |
| grabbing | dragging | slamming | planning | slapping |
| clapping | grinning | tripping | chatting | chopping |
| chugging | quitting | shedding | thudding | quipping |

## set two Drill 2 Suffix -er

Note that some English accents pronounce the ending $\mathbf{r}$ and others don't.

| gunner | sitter | winner | manner | summer | litter |
| ---: | ---: | ---: | ---: | ---: | ---: |
| butter | matter | hammer | pepper | letter | ladder |
| better | wetter | bigger | digger | dinner | winner |
| supper | bitter | robber | jogger | rubber | runner |

stagger spanner flipper stopper drummer
shatter quitter chopper shopper chatter

| SET Two | Drill 3 | Suffix |  |  | y |
| ---: | :---: | ---: | ---: | ---: | ---: |
|  |  | $\mathbf{y}$ | is | i |  |
| daddy | baddy | nappy | happy | petty | giddy |
| silly | kitty | hobby | soggy | boggy | doggy |
| foggy | cubby | muddy | dummy | sunny | berry |
| funny | puppy | curry | mummy | granny | hurry |
| carry | flurry | sorry | scurry | scrappy |  |

## SET Two Drill 4 Suffix - Ie



## SET THREE

## SET THREE Drill 1 -ff-

| raffle | jaffle | baffle | traffic | cliff |
| :--- | :--- | :--- | :--- | ---: |
| sniff | sniffed | sniffle | stiff | stiffer |
| offer | scoff | bluff | bluffe | cuff |
| muffle | scuffle | shuffle | fluffy | gruff |
| huff | huffeq | puff | puffed | stuffed |

SET THREE Drill 2 -II-

| shall | sell | seller | fell | hellish | jelly |
| :--- | :--- | :--- | :---: | :---: | ---: |
| spell | spelling | speller | telling | swell | filler |
| yell | yelled | shell | drill | drilled | swelling |
| hilly | killed | grilled | skill | spilling | still |
| willing | thriller | thrilling | dolly | thrilled | skull |


| SET THREE | Drill 3 |  | -ss- |  |  |
| :--- | :--- | :--- | :--- | :--- | ---: |
| lass | mass | hassle | less | lesser | blesseф |
| blessing | dress | dresser | messed | dressed | messy |
| chess | bliss | hiss | kisser | kissed | loss |
| loss | boss | bossy | blossom | cross | crossed |
| gloss | moss | mossy | fuss | fussy | fussed |

SET THREE Drill 4 -zz- -x-

| dazzle | jazz | sizzle | drizzle | fizzle | nozzle | buzz |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| buzzer | buzzed | fuzz | fuzzy | axle | tax | taxed |
| wax | waxed | fax | flex | flexed | six | mixed |
| mixer | box | boxer | fox | foxy |  |  |

## SET THREE Drill 5 -sh-

rash lash slasher cash crash dashed flash smash trash rash fresher flesh mesh dish fish fished fishy wished rush splashed blush gush hush brushed crushed
rich riches richer richest which such much cloth broth froth frothed sloth method with slithered gathered dither bothered

## set three Drill 6

-ck-
sick kicked picky back neck rock socked lock dock mocked lucky duck slack black crack smack snack track quack speck check chick tricky sticky quick ticket struck thick shock truck rocket jacket ticket socket pocket docket brick cracker sticker tackle tickle buckle freckle knock knuckle knick-kn ヨcks knickers

## SET FOUR

SET FOUR Drill 1 -nk- -nd-
sank bank blank blanket drank prank plank thanked angle rang banged fanged hanged sprang sand landed band brand brandy candy candle grand handed handy handle commanded demanded expanding
-nt- -mp- -mb-
antler slanted planted chant enchanted ample example sample lamp camped clamp scamper dampen hamper tramp rambled scramble gambler shambles amber plumb plumber dumber dumbest

SET FOUR Drill 2 -nd- -nt-
send sender lend lender slender bend spend mender defended depended extend pretender sent absent lent bent dental commented spent plenty tent invented prevented twenty presented
-mp- -mpt- -mb-
temper temple empty exempt tempt tempted tempting contempt membership remembering tremble resembled

## SET FOUR Drill 3 -nk- -ng-

rink sink blink crinkle drink pink shrink sprinkle winked twinkle think tinker ring ringer sling bring finger wing king kingdom mingling spring tingle swing things king
-nd- -nt- -mp-
hinder wind windy swindle dwindle hinting mint print misprint sprint splinter tint squint nimble timber thimble simple limp blimp dimple pimple shrimp chimp whimper

SET FOUR Drill 4 -nk- -ng- -nd- -nt
sunk drunk junk skunk trunk shrunk sung lung flung hung jungle stung swung under bundle blunder fund hundred refund thunder blunt grunt hunter stunt
-mp- -mb-
lump bumps crumple crumpling clump dump jump jumper mumps pump plums trumpet stump thumps lumber slumber grumbling fumbling humble jumbles number mumbling tumbled stumbling

## SET FIVE

SET FIVE Drill 1 -Id- -Im- -It-
elder elderly held weld helm helmet help melt helpfül helpless yelped belt felt helter skelter pelt spelt swelter sheltering selfish selfless twelfth -st- -ct-
rest arrest best jester nesting pest tested contest detested protesting invest west quest conquest request chest
direct directly insect elect select effect infect protecting pêrfect prefects ejected project expected inspect suspects reflect

SET FIVE Drill 2 -ft- -pt- -xt-

| left | theft | hefty | cleft | slept | crept | adept |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| kept | wept | swept | next | text | extra |  |

-Ik- -lt- -sk- -st-
silk silky milk milky film filter kilt spilt tilt stilt wilt quilt risk brisk whisker

| lisp | crisp | whisper sister insist list fist |
| :--- | :--- | :--- | :--- | :--- | :--- |
| blister | twister | twisted |

SET FIVE Drill 3 -ct- -ft- -pt-
addicted predict conflict inflicted strict evict district restricted convict evict sift lift
drift fifty gift nifty swift swiftly thrift script conscript distinct extinct instinct
-If- -Ik- -lp- -lt- -sk- -st-
gulf sulk sulky bulk gulp consult insult adult result dusk husky rust rusty crust crusty cluster dust industry gust must distrust trust adjust

SET FIVE Drill 4 -ct- -pt-
exact fact factor enact react cactus pact compact impact contact tact tactfül tactless intact attract contract subtract distract extract extractor erupt abrupt interrupt bankrupt conduct product conductor instruct instructor construct

## SET SIX

SET SIX Drill 1

Remember: Do not pronounce the thin letters

$$
\boldsymbol{\varphi} e \text { is } \mathbf{S} \text { and } \mathbf{g e}_{e} \text { is } \mathbf{j}
$$

lance dance glance enhance prance trance chance advance orange fence defense pretense sense condense ledge sledging hedge since mince prince convince wince rinse singe cringe fringe hinge ridge bridge budge fudge grudge nudged judged trudge misjudged smudged dunce lunge plunge dodged

SET SIX Drill 2 -tch -nch
belched squelched fetch sketched stretch valve ranch rancher branch latch catch catcher match scratch snatch dispatch clinch finch pinch winch ditch pitch kitchen stitched witch bewitched switch twelve shelves themselves bench drench stench quench crutch clutch lunch bunched gulch crunched munched punched strengthen length strength involved revolved dissolved

## SET SEVEN

## SET SEVEN Drill 1

$$
\mathbf{C} \text { is } \mathbf{S} \text { and } \mathbf{g} \text { is } \mathbf{j}
$$

$\boldsymbol{\varphi}$ ents $\boldsymbol{\varphi}$ ell $\boldsymbol{\varphi}$ entral $\boldsymbol{\varphi}$ emented $\boldsymbol{\varphi}$ elery $\boldsymbol{\varphi}$ ivil $\boldsymbol{\varphi}$ inema بinders accepted accent except city excellent officer gem gender gentle gentleman legend digest origin manager
camel model chişel flannel chapel barrel channel funnel tunnel vessel kennel gospel cancel level gravel travel swivel unravel

## SET SEVEN Drill 2

river liver sliver shiver quiver ever sever never clever silver revolver ferry lorry cherry merry marry barrel squirrel carrot
comic picnic plastic atomic electric devil public elastic traffic splendid rapid timid mimic liquid pencil family vivid credit spirit cabin hiccup victim

## SET SEVEN Drill 3

Silent $\mathbf{t} \quad \mathbf{b} \quad \mathbf{n}$ and $\mathbf{w}$

| nestle | trestle | bristle | thistle | whistle | listen |
| :--- | :---: | :---: | :---: | :---: | :---: |
| glisten | jostle | rustle | bustle hustle | apostle |  |
| epistle | gristle | wrestle | soften crumb | thumb |  |
| often | solemn | plumber | condemn |  |  |

## SEVEN Drill 4

The letter $\boldsymbol{\text { © }} \mathbf{u}$
flodd flodding blodd bloddy
son month front honey among wonder done none some somebody something come become dozen glove shove oven worry cover other mother brother shovel ton above smother andther company

SEVEN Drill 5
The letter $\boldsymbol{a}$ is $\mathbf{O}$
 quàntity quàrrel quàlity yácht

## SET SEVEN Drill 6

The letter $\dot{\mathbf{u}}$ as in puit and büsh

woù/d coúld shoù/d

## SET SEVEN Drill 7

The letter $\dot{\mathbf{O}}$ as in bóşom and föót
bósóm wóman wölf wölves

| göód lö́k | göödness outlöok | höód overlöók | stööd böók | wööd cöók | höó cröök |
| :---: | :---: | :---: | :---: | :---: | :---: |
| hȯȯked | unhöók | tȯók | shȯók | wȯol |  |

wööllen söóty höód childhöod manhóod

## SET EIGHT

## CONSONANT AND VOWEL SOUNDS

There are basically 2 main types of sounds in spoken English.
The consonant sounds are those sounds in speech like fff sss and $\boldsymbol{z z z}$ or the seemingly 'shorter' sounds of $\boldsymbol{t} \boldsymbol{d} \boldsymbol{c}$ and $\boldsymbol{g}$.

The vowels can also be either short or long. The main short vowels actually number 6 in all, rather than the usual 5 that are taught in most phonic teaching systems. These 6 sounds are the sounds that you can hear in the middle of words like pat pet pit pot putt and put.

Depending on the English accent that you speak with, there are roughly 13 long vowel sounds such as the sounds that you can hear at the beginning of acorn even iron oval unit arm urge orb out oil ear air and ire.

In the first section of this manual we have dealt extensively with the short vowel words. Now we start with the long vowel words.

SET EIGHT Drill 1
Bolded $\mathbf{a}$ says its own name
blade fade grade made spade trade rake lake bake baker brake cake make fake snake take mistake mistaken overtake wake awaken shake shaken sale gale stale whale

| same | lame | blame | came | became | flame | game |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| tamed | shame | cane | mane | plane | cape | escape |
| draped | taped | shape | base basement | case | chased |  |
| rate lateness | dated | fated | fateful | gate | hated |  |
| skated | plate stated |  |  |  |  |  |

## SET EIGHT Drill 2

gave rave save shave slave enslave grave braved engrave behaved daze pavement wave blazed ablaze crazy hazy amazed haste hasty distaste amazement wastefül bathe bathers
enable cable fable table stable race lace bracelet embraced face defaced gratefül pace disgrace place misplace replace trace rage enrage outraged caged engaged page wages arranged stranger change exchange danger

## SET EIGHT Drill 3

Bolded © says its own name
precede stampede stampeded millipede supreme
supremely extreme extremely these theme gene delete concrete compete complete completely athlete obsolete mete meter

## SET EIGHT Drill 4

 Bolded I says its own namebribe describe prescribe life strife wife ride side beside inside outside slide bride glide pride stride astride divide provide wide widen decided liked alike dislike unlike unlikely bike spike strike file mile missile smile tile while vile slimy grimy mime time chime fine sometimes vines outline combine diner mining finest define

## SET EIGHT Drill 5

nineteen ninety pine spine wine entwined ripe wipe swiped striped bites sites spite despite invite white dive excite excitement reciting arrive arrival lively alive size drive wives prizes rise arise twice despise advise revise wise unwise slicer dice mice nice price spice spicy spiced enticed vice advice device twice

## SET EIGHT Drill 6

Bolded 0 says its own name
robe globe global probed rode code strode exploded coke joke poker bloke broken spoken stroke awoke choked sole console holes moles poles stolen dome home lone homeless encoding rope decoding cone alone lonely bony atone stony ozone throne slope grope hopefül

## SET EIGHT Drill 7

hopeless pose hose telescope rose arose close enclose nose chose composed those opposed suppose open notes votes devoted promoted remote remotely outvoted quoted over rover drove drover stove wove woven doze froze frozen búlldozer clothe clothes clothed
cube tube rude crude concluded excludes included intrude protrudes gratitude duke rule attitude fluke ruler overrule mule tune capsule consume fume pêrfume presumed resume dune costume volume immune prune tunefü tuneless

## SET EIGHT Drill 9

accused excuse excuse confuse refuse refuse cute fuse amuse amusement abuşing usefül useless misuse misuse brute dilute flute mute compute huge computer astute salute truce produce reduced deduce introduce deluge $_{\text {refuge }}$

The long medial $\mathbf{u}$ sound in English is alternatively pronounced as 'yew' and 'oo'. Among English accents, its pronunciation within many words is quite unpredictable. For this reason the marking system of the phonetic English text does not reflect any differences.

## SET NINE

SET NINE Drill 1 Bolded $\mathbf{a}$ and $\mathbf{e}$ say their own names.
apron lady vacant bacon label cable ladle navy basin paper hasten radio native he me she be we evil even evening equal senior secret decent recent lever
SET NINE Drill 2 Bolded I says its own name.
idea idle icy içicle item title rifle bible diver bridle dial trial climb mind minder blind blindness kind kindness behind finder unwind rewind wild
child childish mild mildness pint ninth final silent giant quiet tiger library license climax violent variety crisis bisect lie die pie fries

SET NINE Drill 3
Bolded © says its own name
oh go so no sold solder colder scold fold folder bold older gold golden behold untold bolt bolted colt jolted volt host most mostly post posted postal only ago oval omit pony nobody sofa noble local progress hotel control patrol poet poem roll wholly eskimo potato piano tomäto volcano rodent banjo comb combing

SET NINE Drill 4 Bolded U says its own name
unit unite united unifórm uşual uşually student pupil tunic human humanity humid truth truly duty cubic music musical mutiny stupid stupidity menu mutual museum junior futile nuclear unruly

## SET NINE Drill 5

Bolded $\mathbf{y}$ has the same sound as
my by buy guy sly cry crying dry sky fly pry spy reply supply tying sty shy why satisfy justify modify terrify amplify

## SET TEN

## set ten Drill 1

Bolded $\mathbf{a}$ in ai
laid afraid maid paid raid aided unpaid rail nail sail hail mail nail blackmail snail daily detail trail wail claim claimed aimed exclaim proclaimed rain brain brainy drain refrain gain main pain plain complain explain sprain contain stain train bait wait await faint paint complaint quaint raise praise faith faithfül straight.

SET TEN Drill 2
Bolded $\mathbf{a}_{\text {in }} \mathbf{a y}$
ray say lay hay may day clay decay midday fray slay delay mislay dismay pay payment repay pray spray play display tray betray betrayal stay stray way stray away sway

## SET TEN Drill 3 <br> Bolded $\mathbf{e}$ in $\mathbf{e}$ a

seam beam creamy dream team steam stream squeamish lean bean clean mean leap heap cheap seated beat bleat defeated heated meat neat repeat treat cheat cheated wheat least beast feast

| beneath | underneath |  | wreath | reach | beach |
| :--- | :---: | :---: | :---: | :---: | ---: |
| bleacheq | peach | peaches teach | teacher | lease |  |
| release | crease | increase | grease | please | pleased |
| displease | disease | leaves weave |  |  |  |

## SET TEN Drill 4

In these words the $\mathbf{e}$ is not bolded
bread read ready unready lead dead deadly tread dread dreadfül dreadfülly head ahead behead beheaded overhead spread steady unsteady instead tread treaded sweaty threaten threatening leant meant leather feather weather breath death deathbed health healthy wealth wealthy stealthy dealt heavy heaven heavenly weapon leapt deaf dreamt

Note great steak break

SET TEN Drill 5 Bolded $\mathbf{e}$ in the ie or $\mathbf{e i}$ rule belief relief brief grief thief chief chiefly field yield wield shield priest priestly niece piece mantelpiece apiece believe relieve relieved grief thieves retrieve

بeiling conceit conceited deceit deceitfül conceive deçeive pêrceive reçeive

SET TEN Drill 6
Bolded $\mathbf{e}$ in $\mathbf{~ C e}$
see bee free agree agreed agreement degree glee gleefül tree treetop reef beef breed bleed proceed creek Greek week cheek cheeky reelfeel feeling heel peel peelings wheel seem seemed esteem esteemed seen been screenkeen between queen sixteen deep knee kneel
deepen jeep keep peep steep weep sheep feet fleet greet meet street sweet sheet leech speech speechless teeth teething breeze freeze sneezed squeeze squeezed wheeze teens teenager fifteen sixteenth seventeenth nineteenth

SET TEN Drill $8 \quad$ Bolded $\mathbf{e}$ in ey
key donkey alley valley chimney monkey honey money

## SET TEN Drill 9

Bolded I in Igh
sigh sighing high highness highly thigh right sight oversight light lighten delight night slight bright fight fright frighten frightfü might midnight plight tight tighten knight airtight tonight

SET TEN Drill 10
road load toad roam foam soak croak cloak coal foal goal loaf loan groan moan soap boat coat float goat throat roast boast coast coach approach poach loaves coax cockroach oath doe foe goes hoe hoeing toe woe woeful
owe owed rowed rower sowing blowing slow bow own crow flowing overflow low glowing snowing tow throw showing grow grown overgrown stowaway owner sown blown flown grown mown thrown shown

## SET TEN Drill 12

Bolded O in OW
shallow bellowing fellow yellow pillow willow follow following hollowing arrow barrow marrow narrow narrower sparrow borrow borrower sorrowing sorrowfül furrow tomorrow burrow burrowing widow widower shadow window mellow meadow

## SET TEN Drill 13

Bolded U in Ue
sue sued clued overdue glue glued hue true accrue rescue statue value valued avenue continue continued tissue issue issued cruel cruelty duel dueling fuel refuel refueled refueling

## SET TEN Drill 14

Bolded $\mathbf{U}$ in $\mathbf{~} \mathbf{i}$
suit suitable recruit recruitment fruit fruity fruitier juice juicy bruise bruised cruise cruised cruiser
SET TEN Drill 15Where $\boldsymbol{\theta}$ has a long $\mathbf{u}$ sound$\theta$
te de deing unde inte whe whem whese lese losing meve moving remove removing movement prove approve approving improve improvement womb temb entembed shee canee twe catacemb

## SET TEN Drill 16

tee me日 ze日 spe日k feod meedy needle reef ceel foelish breem greem bridegreem reem seen loep speenfül balleen babeen äfterneen scoop droop troop swoop snooze boet scoeter shoet outsheet reest reester smeoth beet teet loose goose noose choose bamboe boemerang

## SET ELEVEN

## SET ELEVEN Drill 1 Qu

A TECHNICAL NOTE
Because of the relatively＇unrestricted＇sound characteristics in its production，the English letter $\mathbf{w}$ is technically classified as a semi vowel rather than a consonant．Even when it begins English words， it can be replaced by the $\dot{\mathbf{u}}$（as in put）sound．For this reason，and in the interests also of a less visually cluttered script，the phonetic text has decided not to faint the $\mathbf{w}$ or the $\mathbf{u}$ after a slashed $\mathbf{0}$ ．
loud aloud cloud proud foul about scout snout spout clouted sprouted trout stout shout round around surround surrounded sound sounding bound found mound ground aground hound confounded pound astound astounded wound and wound
SET ELEVEN Drill 2 ..... Qu
count counter account encounter miscount mount amount dismounted couch crouch pouch south mouth drought house house mouse rouse rouse arouse trousers bough plough bounce announce announcer pronounce pound pounded

## OW

cow now sow allow allowed bow flower how row power powerfül powerless towel trowel shower crowd powder scowl fowl growl howl prowl brown crown down gown frown town township

## SET TWELVE

SET TWELVE Drill 1 The Oi sound
A short $\mathbf{O}$ sound and a short $\mathbf{i}$ sound when put together make a sound very close to $\mathbf{O i}$
avoid embroider embroidery coin join adjoin joiner oily boil coil recoil foil spoil toil toilet loiter exploit joint point disappoint noisy poison hoist moist voice rejoice choice noise poise

## SET TWELVE Drill 2

The OY sound
A short $\mathbf{O}$ sound and a short $\mathbf{y}$ sound when put together make a sound very close to $\mathbf{O y}$ boy toy joy royal loyal alloy decoy ploy ahoy enjoy annoy employ employer oyster employee employment destroy destroyer
set twelve Drill 3
The ei sound
A short $\mathbf{Q}$ sound and a short i sound when put together make a sound close to $\mathbf{a}$
veil unveil unveiling reins reindeer vein eight eighteen eighth eighty sleigh freight weigh weight neighbor reign feign deign

## SET THIRTEEN

SET THIRTEEN Drill 1
$\ddot{a} r$
bär cär scär fär jär stär cärd discärd gärden regärd härd yärd därling snärl bärk därk märk märket remärked pärk spärk spärkle shärk alärm färm färmer härm chärm bärn därn yärn

# SET THIRTEEN Drill 2 <br> är 

cärpet härp shärp märch stärch härsh märsh cärt därk pärt depärt depärtment stärt stärtle chärt bärter lärge enlärge dischärge overchärge cärve snärl cärtoon färther pärcel ärgue cärpenter cigär crowbär gärgle

## SET THIRTEEN Drill 3

$\ddot{a}$
äfter räft cräft gräft shäft äfternoen bäsk bäsket cäsk bäsket täsk räsp cläsp gäsp cläss outcläss bräss gräss gläss päss sûrpäss

## set thirteen Drill 4

 fäster fästest mäster mästery nästy päst pästa conträst cästle fästen räther bäth fäther päth fóótpäthclërk sërgeant

## set thirteen Drill 5

fór fórbid fórgo nór abşorb bórder córdial discórd affórd córk fórk pórk stórk fórm fórmal infórm infórmal pêrfórm refórm nórmal abnórmal stórm unifórm
set thirteen Drill 6 ofr bórn córner mórning tơrn wórn swơrn thórn sórt pôrt expórt impórt transpôrt repórt shórt scórch tórch porrch fórce enfórce divórce hórse ס́rder $\mathbf{\delta}$ rgan nórth nórthern fortune
set thirteen Drill 7 áw
rấw jâw sấw lâw cláw drấw drâwer withdrâwal flấw pâw strấw thåw âwfül hâwk squâwk båwl bråwl crâwl scráwl shåwl trâwler sprâwled bâwling såwn lâwn brâwn dâwn drấwn fáwn prâwn yấwn
set thirteen Drill 8 ..... åu
fråud gåudy appláud hául overhául mául fáuna háunt táunt sáuc̣e sáuçer cáuṣe páuṣe appláuse áught cáught dáughter náughty táught áutumn áuthor láunch astronáut áugust coşmonáut aquanáut áutumnal
overáll báll cáll cálling fállen wáll háll hállway smáll táll táller tállest stáll instáll recáll downfáll netbåll basebåll föótbáll bäsketbáll volleybáll álso álways álready álmost álter báld scáldset thirteen Drill 10enr
hêr refêr prefêr vêrb advêrb provêrb hêrd hêrder jêrk pêrky têrm gêrm pêrmanent fêrn kêrnel conçêrn assêrt insêrt alêrt expêrt divêrt dessert desert
set thirteen Drill 11
êr
pêrch bêrth Pêrth immêrse vêrse revêrse emêrge submêrge vêrge sêrve cónsêrve nêrve swêrve desêrve obsêrive presêrve pêrsón thêrmos pêrmit fêtile fêrvent mêrcy
set thirteen Drill 12 îr
sîr fî̀ stîr fîrm smîrk shîrk bîrd gîrder thîrd gîrl twîrl whîrl dîrt dîrty flîrt skîrt squîrt thîrty shîrt firrst thîrst thîrsty bîrth girth mîrth

# SET THIRTEEN Drill 13 

fûr blûr sûrf spûr tưrf lârk hûrt spûrt absûrd bûrden cûrdle hûrdle mûrder cûrl cûrler hûrl bûrly bûrn bûrnt tûrn retûrn overtûrn fûrnish fürniture Satûrn
set thirteen Drill 14 Ûr bûrst eutbûrst |ûrch chûrch cûrse nûrse pûrse cûrve ûrge ûrgent pûrple Thûrsday bûrglar sûrname sûrvey gûrgle fûrther tûrmoil tûrquoise chûrchyärd pertûrb tûrkey mûrmur

## SET FOURTEEN

set fourteen Drill 1 ear
hêard êarl êarly pêarl êarn êarnest lêarn lêarnt search êarth unearth hêarse rehêarse yearn
ear
rear clear dear fear gear hear near nearly appear tear year yearly
set fourteen Drill 2 eer and ere
beer deer jeer peer steer steering veer queer cheer cheery cheerfül sheer veneer volunteer engineer engineering buccaneer overseer mere here severe adhere interfere persevere sincere sincerely
SET FOURTEEN Drill 3

| rare rarely | bare care | ca eful | careless | dare |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| declare | scare | scared | fare flare | hare | aware |  |
| mare | beware | compare | prepare | prepared | spare |  |
| stare | stared | square | share | fanfare | härdware |  |
| warehouse |  |  |  |  |  |  |

SET FOURTEEN Drill 4 ..... airfair unfair fairy affair hair dairy lair pairdespair stairs chair upstairs downstairs bear peartear wear wearing underwear swear there wherecompere somewhere anywhere everywhere nowhere
SET FOURTEEN Drill 5 ..... ire
sire fire hire hired admire spire empire expire dire conspire tired entire wire acquire mire inspire require shire desire fireplace fireman umpire drier flier pliers liar diary diaries
SET FOURTEEN Drill $6 \quad$ ©́ar and ©́re ס́ars róar bóard overbóard cóars ${ }_{e}$ hóars sidebóard blackbóard sóre bóre córe adóre $\mathrm{r}_{e}$ scór $_{e}$ befóre móre snóre explóre stóre wס́re swóre shóre ashóre fóreshóre chóre bóred bóredom stórehouse ignóre
 fóurth fóurteen móurn cóurt cóurse

|  |  |  | Ure and Qur |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| secure endure pure impure manure sour flour <br> devour ours  |  |  |  |  |

## SET FIFTEEN


SET FIFTEEN Drill 2homewards áwkward westward southward nórthwardeastward
set fifteen Drill 3 wôr
wôrd wôrk wörker wôrkman wôrm wôrld wôrst worthy unwôrthy worse worsen worship housewôrk homework
sठ́ught bóught bróught fóught nóught thóught ${ }_{w r} \mathbf{\delta}_{\text {ugh }} \mathrm{t}$ overwr $\mathbf{\delta}_{\text {ught }} \mathbf{t}$
country young courage
soup group youth through route souvenir troupe coupon
soul boulder mould shoulder moult poultry though álthough plough bough thorough

## SET FIFTEEN

Drill 5
The $\mathbf{f}$ sound for $\mathbf{p h}$ and $\mathbf{g h}$
phone phantom nephew phrase ס́rphan
ס́rphaned alphabet elephant siphon graph alphabetic phobia phärmacy sphere hemisphere atmosphere áutobiography geography áutograph claustrophobia photo photograph photographer

| rough tough | enough cough trough läugh |
| :--- | :--- | :--- | :--- |
| läugheq | läughing $\quad$ läughter dräughts |

## SET SIXTEEN

set sixteen Drill 1
Revising $\boldsymbol{\varphi}$ and $\mathbf{g}$
fancy mêrcy city $\boldsymbol{\varphi}$ itizen $\boldsymbol{\varphi}$ îrcle $\boldsymbol{\varphi}$ îrcus $\boldsymbol{\varphi}$ entral success succeed eccentric accident innocent concêrt pêrcent recent decent scent ascend $\begin{array}{lcccr}\text { descend } & \text { fascinate } & \text { scene } & \text { scenery } & \text { scissors } \\ \text { science } & \text { scientist } & \text { general } & \text { energy } & \text { emèrgency }\end{array}$ passenger religion college original engineer

| actor | mirror | error | terror | horror | tailor | sailor |
| :--- | :--- | :--- | :--- | :--- | :--- | ---: |
| victor | sector | inventor | inspector | director | visitor |  |
| factor | governor | conductor | victory | history | interior |  |
| exterior | factory | satisfactory | territory | junior | senior |  |
| inferior | superior |  |  |  |  |  |

## set sixteen Drill 3 Endings ant ent ance ence

instant distant ignorant impórtant pleasant extravagant peasant consultant different president permanent frequent obedient convenient independent continent instance distance entranceassistance insurance ambulance appearance impórtance absence confidence influence áudience difference silence violence

## set sixteen Drill 4

| poişonous | tremendous | jealous | enórmous | vigorous |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| märvelous | disästrous | ridiculous | nêrvous | glórious |  |
| obvious | perilous | generous | dangerous | famous |  |
| serious | favour | flavour | labour | behaviour | rumour |
| colour | härbour | animal | metal | practical | hospital |
| several | interval | prinçipal | actual |  |  |

SET SIXTEEN Drill 5 Endings able age ate
enjoyable miserable bearable profitable considerable valuable available pórtable damage manage passage message village bandage advantage average courage language pûrchase sûrface palace chocolate delicate cêrtificate immediate private climate fórtunate accurate

Set sixteen Drill 6 Endings ible ive ice ite
vişible sensible responsible impossible incredible terrible horrible active native adjective attentive relative infórmative expensive detective notice office sêrvice practice precipice promise definite favourite opposite engine imagine medicine examine
SET SIXTEEN Drill 7 Endings tion and ion
action attraction section objection direction protection collection affection addition destruction description devotion invention attention condition definition competition junction million billion trillion champion opinion fashion region divişion collision occaşion concluşion explosion possession discussion mansion expansion

## set sixteen Drill 8

Ending ation
nation station operation location vacation inflation donation sensation education invitation irrigation situation elevation destination foundation separation presêervation obsêrvation decoration infórmation examination fascination preparation population explanation investigation quablification detêrmination anticipation multiplication

## set sixteen Drill 9

 Endings ment turemoment payment treatment órnament depärtment amazement equipment ärgument instrument experiment measurement punishment management arrangement fixture mixture texture feature creature culture capture fracture picture adventure fûrniture temperature depärture manufacture future nature

## SET SIXTEEN Drill 10 Endings ity ar ary

pity density activity majority eternity necessity electricity oppórtunity visibility áuthority personality simplicity collar grammar similar solar vinegar calendar particular popular regular caterpillar órdinary secretary dictionary stationary secondary boundary anniverrsary necessary

## SET SEVENTEEN



| bicycle | tricycle | system | symptom | sympathy | syrup |
| :--- | :--- | :--- | :--- | :--- | :--- | ---: |
| gym | syringe | syllable | typical | mystery | cylinder |

SET SEVENTEEN Drill 3 The letter $\mathbf{y}$ in complex words

tyre type typist bypäss cycle cycling aye eye
cyclist cyclone tyrant typhoid denying style hyena nylon pylon pythón rye dye myself lyrebîrd bystander hyphen pigsty hydráulic hydroelectric

set seventeen Drill 4<br>More silent letters

wâ/k chå/k tálkback stâ/k stálker pä/m cä/m cäff häff hä/ves cä/ves gnärl gnome gnáw gnáwed sign signwriter design designer resign resigned campaign
hour hourly honest honor dishonor honorable shepherd ghost ghästly exhǎust exhilarate rhubärb rhythm rhyme guess guest guärd biscuit guage yàcht muscle

| tongue league vague | rogue | vogue mórgue | catalogue |  |
| :--- | :---: | :---: | :---: | :---: |
| prologue | epilogue | $p s \mathbf{a ̈} / \mathrm{m}$ | psychic | $p s y c h o l o g y$ |

pneumonia pneumatic receipt cupboard doubt
doubtless subtle fierce pierce weird height sieve
friend heifer ocean plait $\mathrm{sw}_{w}$ ofd aisle mayor
beautifü people doubt foreign fórfeit counterfeit forehead island äunt aborigine apostrophe joûrney knowledge adjoûrn coûrteous coûrtesy cauliflower physician theatre manoeuvre stomach leisure mosquito cheque pläque queue tórque gaol mosque conquer lacquer liquorice cheque côlonel

## ODD BITS THAT DIDN'T AND WON'T FIT

There is only one common primary level 'phonic letter combination' that is not currently covered by the marks of the phonetic English text. It is the ew combination and I can't think of a viable mark to properly enable it to be covered by the current rules of the phonetic English text.
brew brewery screwed dewdrops few fewer flew grew new renew stewed threw chew strewn jewel Jew Jewish jeweler jewelry

A number of other words contain odd bits that are just too hard to fit

| bouquet lieutenant | bureau | plateau | one meringue | lingerie | reservoir |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| abattoir busy pretty | women | minute | business conscience sew | sewn |  |

In the over 15,500 word sample that was finally examined, the 10 basic signs on and around the letters of the phonetic English font has gone an amazing $\mathbf{9 8 . 7 \%}$ of the way toward making elementary school written English seem more logical. Each of the above words contains a tiny idiosyncrasy that prevents it from being satisfactorily encoded by the phonetic text. There is no doubt that if we choose to look again with a second microscope we will still find a few more to fit into this category.

## MORE TECHNICAL DETAILS

Some persons who use the phonetic English font will take an interest in some of the technicalities involved in its development. So here they are.

SINGLE CONSONANTS There are 25 of these within the new font. Four of them notably are the 'altered' sounds for the letters $\mathbf{c} \quad \mathbf{g} \quad \mathbf{d}$ and $\mathbf{s}$.

The sounds of these letters usually alter in response to the influence of adjoining letters of certain types: The $\mathbf{c}$ and $\mathbf{g}$ change to $\mathbf{s}$ and $\mathbf{j}$ respectively in the presence of $\mathbf{i} \mathbf{e}$ and $\mathbf{y}$. The $\mathbf{d}$ and $\mathbf{s}$ change to $\mathbf{t}$ and $\mathbf{z}$ under the influence of a fairly complex set of internalized sounding out rules that underpin the pronunciation of English words. The details of this rule system are not important for present purposes.

Please note that the unbolded $\mathbf{y}$ is given a short $\mathbf{i}$ sound as in city happy family and so on. When the $\mathbf{y}$ is bolded it serves the same purpose as the bolded letter $\mathbf{i}$ as in try rely comply. The $\mathbf{y}$ is also used as a consonant.

## CONSONANT DIAGRAPHS There are $\mathbf{7}$ of these:

$$
\begin{aligned}
& \text { sh as in ship ch as in chip th as in thin th as in that } \\
& \text { qu as in quit } \quad \text { ph as in phone gh as in cough }
\end{aligned}
$$

The common combinations $\mathbf{k n} \mathbf{w r}$ and wh are not treated as digraphs by the new text : they can be regarded each as containing a silent letter. Finally the common digraph ng has not been treated as a digraph because, among native English speakers, its unique nasal sound can be 'predicted' from an analysis of the single letters.

SILENT LETTERS Some of the letters in the new font might be considered as better off being 'silenced' by the use of faint print. This applies especially to the letter $\mathbf{r}$ when it ends words or is placed immediately before consonants, as in the case of words like bärn pärt färm.

The problem of the semi silent letter $\mathbf{r}$ is too frequently a matter of personal preference combined with regional variation in accent. At some future date this problem might be addressed by different applications of the rules of the new font that are targeted toward distinctively different English accents globally.

SUFFIXES The suffixes which apply most frequently to early reading programs are as follows:

$$
\begin{array}{llllllllll}
\text {-ed } & -e r & -e s & -e s t & -i n g & -s & -l y & -y & -l e & -t i o n
\end{array}
$$

Most of these are phonetically predictable. Native speakers of English rarely have problems with those that are not. However the 'marked' $\mathbf{s}$ as $\mathbf{z}$ and $\mathbf{d}$ as $\mathbf{t}$ will be of some help to students of English as a second language.

SUFFIX FORMS The idea of a 'suffix form' arises only when we need to describe the operation of diacritical mark systems for written English. A 'suffix form' is not a suffix but only something that looks like a suffix. Consider the:
-er -le $\quad \mathbf{- y}$ and $-\mathbf{l} \mathbf{y}$ in words such as letter little penny ugly.
PREFIXES Prefixes as well as 'prefix forms' are very much rarer in reading and spelling materials for children in the early years of schooling. Those which do occur, such as pre and re and some 35 more, do not present any difficulty for the new text.

UNSTRESSED SYLLABLES The occurrence of root words of more than two syllables in English language early reading series, is a fairly rare event. The stories in our early reading series employ root words of one or two syllables almost exclusively. Moreover, it is common enough to find these words extended with suffixes but much rarer to find one extended with a prefix. Finally, the much greater part (around 95\%) of the two syllable words are those where the speech stress is only on one of the syllables.

These features of the design and distribution of word structures within our materials for teaching early literacy skills, has been quite advantageous for the design of the new font. Effectively, it means that there has not been a need to deploy an eleventh marking sign to denote how all of the 'unstressed' syllables are pronounced.

The reason is clear. Once the learner reader has given speech sound stress to one of the two syllables, the vowel in the other syllable simply takes care of itself. This vowel sound quite automatically converts to a mumbled (or 'schwa') sound in line with the reader's internalized habits of stress allocation in normal English speech patterns.

SHORT VOWELS There are $\mathbf{6}$ short or 'checked' vowels in the new text but $\mathbf{1 0}$ ways in which they are represented by the marking signs. The 'checked' sounds are those that are represented in the following words:
pat pet pit pot putt and pút

The sounds, letters and markings are listed below.

| a |  | apple | bad | catch |  | plait |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| e |  | egg | beg | bed | friend | wrestle |
| ink | pink | pitch | sieve |  |  |  |

LONG VOWELS The vowel sounds that are traditionally classified as Iong are the ay ee ie oe and ue sounds as in say see sigh so and sue. In traditional literacy instructional circles, the basic rule to school children is that under some circumstances these vowels say their own names as at the beginning of the following words
acórn even icon oval union

The new font writes in bold any vowel that saysits own name but for reasons of pronunciation variations in regional accents, it does not draw any distinction between the $\mathbf{u}$ in the words rule and fuel. The new text also writes in bold the letter $\mathbf{y}$ when it has the sound of the long i as in words such as fly \& rely.

Also belonging to the class of long vowel sounds is the ow sound as in cow towel out and round:


VOWELS INFLUENCED BY ' $\mathbf{R}^{\prime}$ The influence of the letter ' $\mathbf{r}$ ' on the sounds of surrounding letters is contentious globally. No matter what any phonetics expert does about it, it will only fuel a continued debate. In the new font I have long debated my decisions and, after considering mainly the needs of the student who is learning to read, I present these decisions below.

The vowel sounds of ar er and or in the new font have been marked by two dots and two curved lines, one of which is horizontal and the other vertical. Two dots represent the ah sound. The horizontal curve represents the er sound, and the vertical curve or ' $\mathbf{c}$ ' represents the or sound. See examples below:

| är | stärt <br> läughter | gärdener rhubärb | guitär <br> fäther | stär $p s a ̈ / m$ | stärring miräge $_{e}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathrm{e}_{\mathrm{r}}$ | confîrm w $\mathbf{\sigma}$ rk | stîr adjoûrn | stîrring coûrtesy | energy fern | fiêrce alêrt |
|  | lêarnt rehearse wórthiness |  |  |  |  |
| ¢fr | fór áwfú | póur bóught | gåunt cáught | báld låwn | dáughter Swórd |

## THE PHONETICALLY REGULAR ENGLISH TEXT

## SUMMARY CONSIDERATIONS

## A NOTE IN PARTICULAR ABOUT ' $\mathbf{r}$ ’ and ' $\mathbf{u}$ ’ and ' $\boldsymbol{\Theta}$ '

The pronunciation of the letter ' $r$ ' after English vowels is subject to a lot of accentual variation in different parts of the world. It is sometimes pronounced and sometimes not. I have chosen to reflect this variation in pronunciation by inserting the Times New Roman
' $\mathbf{r}$ ' font after every vowel to denote possible ambiguities caused by accentual variation.
Similarly, the variation in the pronunciation of the ' $u$ ' in words such as duke tube due and elude is an unpredictable phenomenon both from word to word and from regional accent to regional accent. For this reason no separate sign has been designed to reflect differences in pronunciation.

Since the original designing of this system in the mid 90 s, it was found necessary to add an extra sign. This was the horizontal line through the $\boldsymbol{\Theta}$ in order to represent the $\mathbf{u}$ sound.

THE CONSONANTAL SYSTEM Essentially, the bolding of the 7 consonant pairs and the vertical lines under 4 of them, when combined with the fainting of the so called silent letters, has brought a very high measure of predictability to the framework of consonants that underpins the structure of English spelling.

For the reasons associated with 'clutter' that were given earlier, no attempt has been made to separately mark combinations such as $\mathbf{c i} \mathbf{t i}$ and si as having a sh sound. Likewise, the zh sound as in treasure and leisure is bypassed entirely.

THE VOWEL SYSTEM The marks on the vowels in the new font have not provided such an effective counter-measure to the problems of their idiosyncratic behaviour in the spelling and pronunciation of English words. Even after we have applied all of the rules we still have a few too many items that remain out of reach.

For a number of reasons a very small number of letter combinations were impossible to reach without overstretching the rules of the new system. The sounds and shapes of such letters and letter combinations might be taught separately. Or more likely, they will be just 'picked up' by the students as an incidental by product of their new learning with a phonetically regular English text.

SINGLE WORD IDIOSYNCRACIES A number of English words such as lingerie busy many any one once pretty sew chef choir plateau bury and a few more, will always remain to defy any attempt at logical categorization. But if we enable our students to cope with all of the other words and their rules for sounding and spelling, then words such as these will present no problem.

## WHY YOUR STUDENTS MIGHT NEED A PHONETICALLY REGULAR ENGLISH ENGLISH FONT

As explained more fully elsewhere, the standards of basic English spelling and reading skills in Australian schools and workplaces are close enough to the worst in the English speaking world. It is impossible to ignore national evidence like the following:

There is a national literacy crisis in Australia: we have up to $\boldsymbol{8}$ million workers with serious reading problems in our workforce and at least 1.5 million students with serious spelling and reading problems in our schools and colleges.

The spelling-for-age performance levels of our school students was last nationally tested all the way back in 1936. Despite official denials, Australia's yearly NAPLAN tests do not conventionally test accurate spelling skill.

In December of 2012 a global survey of basic spelling skill revealed that the scores of Australian students in year 4 were the lowest of some 27 countries in the English speaking world.

Australia's current (2016) national primary English curricula avoid giving clear directions to teachers as to vital year level content in the testing and teaching of the 3 core literacy basics of (1) alphabetic ( or 'phonic' ) skills (2) spelling skills and (3) read-aloud skills. You can check this out for yourself: on your home computer, try to find even one example nationally, of a government curriculum that prescribes a content list of core:
(1) year level spelling words for primary or secondary students!
(2) year level sight vocabulary words for primary or secondary students!
(3) year level phonic word lists for primary or secondary students!

Since at least the early 1980s none of our government literacy curricula in Australia has contained simple guidelines to direct teachers at any level to the systematic testing or teaching of any of the above core English literacy skills. Even today, our national primary English curriculum does not even once mention the word test! And without relevant testing 'on the spot', no relevant year level teaching can begin on the spot either.

Since the early 1980s, literacy curricula throughout Australia have been aimed toward actually eradicating spelling from the testing and teaching of basic English at all levels. My website provides all the necessary evidence here.

Some 9.5 million students and workers with problems in both spelling and reading did not accidentally arise out of merely intermittent errors in our literacy curricula. They arose instead out of an official maintenance of errors that are still being maintained nationally today, even after more than 3 decades of crisis level nationwide failures.

The government designed literacy curricula that have so clearly directed Australian literacy levels to the bottom of the international barrel, have got to be scrapped.

The phonetic English font is an adaption to English of a 3,000 year old 'diacrital marking' method that (as logic has it) simply must have been used with the very earliet 'paleo' type of writing in Hebrew.

## BACKGROUND ISSUES IN DESIGNING THE TEXT

From a technical standpoint, the marking signs around the letters of the phonetic English text, like the vocalization signs around Hebrew letters, are often called diacritical marks. Diacritical marks have been linked to most European languages for centuries. Students of French for example, are introduced to the 'accenting' marks around French words in the earliest lessons. Such markings on the letters show students how the pronunciations of these letters change from word to word.

From the mid 1960s onward, a few commercially produced English language systems for the teaching of early reading to school children also used publications with diacritical marks. With the notable exception of the DISTAR materials, few of these programs have endured the test of time. I make no pretences however. The structure of English spelling is relentless. It cannot be changed because there are far too many people in the world whose spelling habits in English would need to be changed too. So to be perfectly frank, the true purpose of any diacritical marking system for English is to convey the impression that our spelling is really a lot more forgivable than it is.

This amounts to a benevolent form of deception and I am quite blunt about this because I respect accusation of false academy. But I have a teaching job to do, and this job is mainly to help learners of written English to get to grips with at least the sensible bits that go together to make English words. The teaching aspiration here is, that once any student gets to master all of the sensible spelling bits, then all of the later spelling 'idiosyncrasies' will be easier to cope with.

As a retired teacher as well as a disciplined analyst of the English spelling system, I have had to make a number of decisions with the phonetic English text that many, including myself, will remain 'irritated' by. In short, the design of around 14,500 different English words forced the ways in which I decided to use the $\mathbf{1 0}$ signs of the text. And on occasions these decisions have been arbitrary.

## AN EASIER SYSTEM

All over the world, and Australia is not an exception here, children are failing to learn to read whilst at school. Illiterate adults too, exist in alarming numbers within our communities. And foreign students of English echo the objections of first millennium spelling critics. The cry still goes out continually. "How do you pronounce this word?"

The 35 year reign of so called whole language methods and materials for the teaching reading and spelling in schools has now failed on a truly massive scale throughout the English speaking world. Education systems around the world are abandoning such materials and returning to the traditional and systematic teaching of English code cracking skills for students of all ages.

In Australia, as elsewhere in the world, the 35 year reign of whole language teaching methods has left some billions of dollars' worth of now dubiously useful books on school shelves. It is increasingly recognized that these books simply cannot be read accurately by far too many students until after they have been taught to systematically crack the alphabetic code. The so called 'natural' language style of the sentences and words in what must now be billions of whole language story books, still require students to learn far too much and too soon about the complex alphabetic rule system that underpins the reading and spelling of English words.

By contrast, our traditional phonically based school readers (of the cat sat on the mat type) get children started consistently in their reading and spelling after the teaching of usually less than 15 of the simplest rules. As mentioned earlier, this type of early reader will forever remain as the easiest way of getting children consistently successful in their early literacy skills. The global empirical evidence to support this statement has been unassailable for over half a century.

Nevertheless, most whole language reading books will remain as fun reading once the children have been taught sufficient skill to crack the alphabetic code.

## RULES THAT GUIDED THE DESIGN OF THE TEXT

The simpler the code, the easier it is to crack. The phonetic English text reduces the complexity of the English 'sounding-out' or 'spelling' code to around one sixth of its normal size. To keep publishing and purchasing costs at a minimum, the creation of an entire new font of letter shapes was avoided. The new text had to make do with what was readily available to most modern personal computers.

As far as possible, the marking signs that indicate the changes in the sounds of the letters, are all in a faint graphics so that there is a minimum of visual distraction for students. In general, more marks mean not only more rules for the student to learn, but also more visual distraction for readers to cope with. Indeed, I guess that 3 more signs could have made a more complete job of this revision of the original 1994 plans for the originally named 'Virtual Phonetics' system . But these extra signs would have been added at the cost of the overall simplicity of the present system for both teachers and students.

The golden rule for any system that marks the pronunciation of English letters and letter combinations is:

## There must be the minimum of visual and intellectual clutter.

Each rule must be sufficient to enable the student to correctly pronounce the word. This is the main rule of convenience to the effect that if the response is right then the rule is right too. Hence, the precision of viewpoints from the university based science of 'phonetics' is quite irrelevant if the basic teaching rule has enabled the student to get the right answers. The main exceptions which lie outside of a reasonable reach of these rules must, of course, be accounted for in an explanatory manual to the system such as this.

## FOUR TIPS WHEN TEACHING

## 1. RESTARTING READING WITH THE PHONETIC ENGLISH TEXT

One mechanic with tools will do more work on your car than will a thousand without them. Most people who can already spell and read, and who also have the right attitude toward helping others, can be qualified easily to start teaching basic reading and spelling skills. These people usually need only simple basic teaching tools to teach with. This introductory book to the phonetic English text system is a set of such tools.

## 2. FINELY GRADED PERCEPTION TASKS

The visual training or 'drill' tasks in this book begin with words as simple as cat and proceed in finely graded steps through to words like catastrophe. With most students, at each step on the way, a sufficient number of words is provided to successfully drill the learning of the new rule. Some students however, will still need to repeat some activities. Competent readers do know all of these basic rules. Older students with literacy problems, regardless of age, do need to need know and to be taught these rules or they will continue to fail. There simply is no other option.

## 3. FINDING A STARTING POINT

Whether you are a qualified teacher, a parent at home or simply a student helping another student in a classroom, you still have to find out roughly where to start helping the person that you want to help. This means that you must test the person that you are teaching. You can test either formally or informally.

Most people at home, and sometimes even at school, prefer to get by with informal testing. If this happens to be the case with you, then you will need to remember the following guidelines.

To pretest a student's ability with the words of any drill task in this book, get him to read aloud a selection of words on the page. If he is clearly fast and accurate in his reading then he needs to be tested on the later, more difficult drill tasks. With these later drill tasks, as soon as he starts to indicate that he is not so sure of himself that's the point where you start teaching him.

Another way of pretesting for student skill is to give a simple spelling test. Usually, only one or two words selected from any drill task will give you the information that you are looking for. If you have a group of students that you want to help, a spelling pretest is probably the more efficient.

## 4. ANSWERING A VITAL QUESTION BEFORE THE RESTART

Older age school students and workers who have problems with basic reading and spelling skills in English are always acutely aware that they are not coping well enough.

## But few of them are ever given the most simple reason as to why....

The very best explanation to any student as to the fundamental cause of his reading problem, is probably the most truthful one of the lot. In simple terms, any student who has a reading problem has not yet been taught often enough as to how he needs to use his eyes (i.e. his basic visual perception skills) when trying to read. Permit me to explain further.

Reduced to essentials, the so called basic reading process is not simple at all. It involves a highly complex set of strategies of visual perception that are very rapidly integrated with a
set of diverse and complex language processes. These rapid sets of skills are both locked inside each student's head. Something of the enormous complexity in how these processes actually work together to produce only "simple" reading, needs to be conveyed to the student in simple language such as the following:
"When you are reading, you use both your eyes and brain. If you use your brain too much when reading, this usually means that you are thinking either too much or too fast: and this almost always causes you to guess too much as well. What you need to do to make fewer mistakes in reading, is to slow down and let me teach you how to use your eyes before you use your brain.

Though no-one might ever have told you, it is indeed possible to actually use your brain either too much or too soon when reading. You need to be shown exactly when to use your eyes first, and that is what I'm here to teach you to do. That's the main reason why we going to go through all these new visual training drills together. Don't ever forget: when it comes to fixing your reading problem you have to allow me to teach you how and when you should use your eyes before you use your brain to guess with. Guesswork is almost always stresswork and it works well less than $50 \%$ of the time. So now let's begin a reading program that trains you to use your eyes before you use your brain.

Simplistic though this account of the basic reading process might appear upon first reading, it has a lot to recommend it. Among other things, it helps to remove the tendency toward destructive self blame from the negative thoughts that the older student has about his literacy problem. It also brings a valid explanation as to why the graded drill tasks of the phonetic English text are necessary. These drill tasks are vital for the purpose of carefully developing the basic visual perceptual competencies that underpin competent reading skill.

## Chris (topher) Nugent : 2024

