| PHONEME | EXAMPLE | GRAPHEME |
| :---: | :---: | :---: |
| /b/ | bat, rubber | b, bb |
| /c/ | cat, duck, kite, chord, question, acclaim, folk, bouquet | c, ck, k, ch, q, cc, lk, que |
| /d/ | dog, middle, filled | d, dd, ed |
| /f/ | fat, waffle, cough, phone, calf, often | $\mathrm{f}, \mathrm{ff}, \mathrm{gh}, \mathrm{ph}, \mathrm{lf}, \mathrm{ft}$ |
| /g/ | get, giggle, ghost, guest | g, gg, gh, gu |
| /h/ | hot, who | h, wh |
| /j/ | jug, edge, cage, gem, giraffe, gym, soldier, exaggerate | $\begin{gathered} \mathrm{j},-\mathrm{dge},-\mathrm{ge}, \mathrm{~g}(\mathrm{next} \text { to } \mathrm{e}, \mathrm{i}, \mathrm{y}), \\ \mathrm{di}, \mathrm{gg} \end{gathered}$ |
| /1/ | let, hill, parcel, little, fossil, rural | 1, ll, el, le, il, al |
| /m/ | mat, mommy, thumb, autumn, palm | $\mathrm{m}, \mathrm{mm}, \mathrm{mb}, \mathrm{mn}, \mathrm{lm}$ |
| /n/ | not, bunny, know, gnaw, pneumonia | $\mathrm{n}, \mathrm{nn}, \mathrm{kn}$, gn, pn |
| /p/ | pot, happy | $\mathrm{p}, \mathrm{pp}$ |
| /r/ | rat, hurry, write, rhyme, here | $\mathrm{r}, \mathrm{rr}, \mathrm{wr}, \mathrm{rh}, \mathrm{re}$ |
| /s/ | set, mess, horse, cent, city, cymbal, scene, psychology, listen | $\begin{gathered} \mathrm{s}, \mathrm{ss}, \mathrm{se}, \mathrm{c}(\text { next to e e, i, y), sc, } \\ \text { ps, st } \end{gathered}$ |
| /t/ | tan, rattle, Thomas, jumped, doubt, pterodactyl | t , tt, th, ed, bt, pt |
| /v/ | van, have, of, Stephan | $\mathrm{v}, \mathrm{ve}, \mathrm{f}, \mathrm{ph}$ |
| /w/ | walk, whale, question, choir | w, wh, u, o |
| /x/ | fox | x |
| /y/ | yellow, opinion, hallelujah | $y, \mathrm{i}, \mathrm{j}$ |
| /z/ | zebra, buzz, amaze, rose, bends, scissors, xylophone, division, measure | z, zz, ze, se, s, ss, x, si |
| /a/ | apple, plaid, laugh | a, ai, au |
| /e/ | elephant, bread, bury, friend, said, many, leopard, aesthetic, heifer | e, ea, u, ie, ai, a, eo, ae, ei |
| /i/ | igloo, gym, England, women, busy, build, sieve, certain | i, y, e, o, u, ui, ie, ai |
| /o/ | octopus, wash, all, honest, cough, bought, draw, haul, caught | o, wa, al, ho, ou, ough, aw, au, augh |
| /u/ | umbrella, enough, monkey, flood, does, Alaska/extra, come | u, ou, o, oo, oe, /a/ syllable, o_e |


| Long a | rain, tray, eight, vein, bake, they, steak, apron, straight, gauge, croquet, where, vary | ai, ay, eigh, ei, a-e, ey, ea, a, aigh, au, et, ere, ar |
| :---: | :---: | :---: |
| Long e | tree, meat, chief, ceiling, be, happy, monkey, Pete, <br> phoenix, people, petite, Maria | ee, ea, ie, ei, e, y, ey, e-e, oe, eo, i-e, i |
| Long i | bike, night, my, hi, tie, type, find, wild, buy, rye, eye, aisle, island, height | i-e, igh, y, i, ie, y-e, ind, ild, uy, ye, eye, ai, is, eigh |
| Long o | boat, bow, go, robe, gold, ghost, bolt, sew, though, chateau, brooch, Joe | oa, ow, o, o-e, old, ost, olt, ew, ough, eau, oo, oe |
| Long u | tube, grew, glue, boot, emu, soup, through, who, shoe, view, beauty, feud, queue | u-e, ew, ue, oo, u, ou, ough, o, oe, iew, eau, eu, eue |
| oo | cool, new, lose, flute, blue, suit, you, shoe, to, through, flu | oo, ew. o-e. u-e, ue, ui, ou, oe, o, ough, u |
|  | book, could, put | oo, oul, u |
| ou | house, cow, bough | ou, ow, ough |
| oy | boy, oil, buoy | oy, oi, uo |
| ar | star, heart, square, sergeant, guard | ar, ear, are, er, uar |
| or | corn, snore, board, poor, pour, warm | or, ore, oar, oor, our, ar |
| er | her, turn, first, mirror, heard, word, journey, dollar, syrup | er, ur, ir, irr, ear, or, our, ar |
| au | haul, taught, raw, cough, thought, ball | au, augh, aw, ou, ough, a |
| sh | shoe, chef, television, assure, addition, ocean, sure, special, conscience | sh, ch, si, ss, ti, ce, su, ci, sci |
| ch | chair, match, future, question, righteous | ch, -tch, tu, ti, te |
| th | moth | th |
| th | mother | th |
| nk | sank, sink, honnk, hunk glued sounds | nk |


| ng | sang, sing, song, sung, | ng, ngue |
| :---: | :---: | :---: |
| glued sounds |  |  |
|  | tongue |  |

