

English Phonemes

This is a list of Standard English phonemes as they appear in Code-Breakers. There will be regional variations in the pronunciation of some of the example words. Not every PGC given in the examples will be covered in the scheme as some are rarely found. These will need to be learned as sight words.

Phoneme	Example Words
/i/	pig, myth, pretty, build
/a/	cat
/e/	peg, bread, said, friend, any
/u/	but, touch, some, blood, won, does
/o/	log, want, cough
/oo/	look, put, would, wolf
/ooh/	moon, flew, do, blue, rule, you, fruit, truth, two, shoe
/ar/	park, rather, calm, heart, laugh, aunt
/or/	port, claw, more, door, roar, caught, call, walk, water, four
/ee/	deep, happy, me, meat, chief, money, these, ceiling
/ue/	tune, cue, pupil, pew, view, beauty
/er/	kerb, shirt, fur, learn, were, word, purr
/ay/	day, pain, fame, steak, they, eight, station, table, reign
/ie/	I, kite, pie, wild, night, buy, fly, bye, guide, type, rifle
/oy/	toy, soil
/ou/	house, cow, plough
/oa/	boat, go, grow, note, toe, most, though, sew, noble
/air/	hair, there, square, bear, their
/p/	pet, apple
/t/	tin, kittens, debt, pterodactyl, looked, liked
/c/	cup, kite, duck, Christmas, antique, quay, occur

Phoneme	Example Words
/b/	bat, rabbit
/d/	dog, sudden, filled
/g/	gap, digger, ghost, guard
/f/	fish, stuff, phone, tough,
/th/	thing
/tthh/	that
/s/	sun, miss, centre, circle, voice, science, castle, sword
/sh/	ship, sugar, machine, station, special, ocean
/h/	hit, whole
/v/	van, give
/z/	zebra, easy, is, dogs, xylophone, drizzle, freeze, please
/zh/	treasure, vision, collage
/m/	man, summer, comb, autumn
/n/	nut, dinner, knee, gnat, pneumonia
/ng/	long, think
/ch/	church, match
/j/	jug, giant, gentle, bridge, region, hinge
/r/	rat, carry, write, rhino
/l/	lip, full, cradle
/w/	wonder, when
/y/	yes
/cs/*	fox
/cw/*	quick

* These are really two phonemes but are dealt with together in this scheme as they are represented by a single grapheme.

Phoneme Sequence in Code-Breakers

Year/ term	Phoneme-grapheme correspondence (PGC)
Reception: Term 1	Oral sounds and phonemes only
Reception: Term 2	/c/ as <u>c</u> , /t/ as <u>t</u> , /a/ as <u>a</u> /d/ as <u>d</u> , /g/ as <u>g</u> , /o/ as <u>o</u> /s/ as <u>s</u> , /m/ as <u>m</u> /i/ as <u>i</u> , /n/ as <u>n</u> /r/ as <u>r</u> /sh/ as <u>sh</u> /l/ as <u>l</u>
Reception: Term 3	/h/ as <u>h</u> /e/ as <u>e</u> /b/ as <u>b</u> , /c/ as <u>k</u> /f/ as <u>f</u> /u/ as <u>u</u> /p/ as <u>p</u> /w/ as <u>w</u> /ch/ as <u>ch</u> /th/ as <u>th</u> /ng/ as <u>ng</u>

Year/ term	PGC
Year 1: Term 1	/tthh/ as <u>th</u> , /ee/ as <u>y</u> /ee/ as <u>e</u> , /ee/ as <u>ee</u> /l/ as <u>ll</u> , /oo/ as <u>oo</u> /ee/ as <u>ea</u> , /j/ as <u>j</u> /ar/ as <u>ar</u> , /ar/ as <u>a</u> /ou/ as <u>ou</u> , /ou/ as <u>ow</u> /v/ as <u>v</u> , /or/ as <u>or</u> /ay/ as <u>ay</u> , /ay/ as <u>a-e</u> /r/ as <u>rr</u> , /ie/ as <u>i-e</u> /ie/ as <u>ie</u> , /ie/ as <u>y</u>
Year 1: Term 2	/cw/ as <u>qu</u> , /ie/ as <u>igh</u> /cs/ as <u>x</u> , /oa/ as <u>o</u> /oa/ as <u>ow</u> , /oa/ as <u>o-e</u> /y/ as <u>y</u> , /ooh/ as <u>o</u> /ooh/ as <u>oo</u> , /z/ as <u>z</u> and <u>s</u> /t/ as <u>tt</u> , /f/ as <u>ff</u> /l/ as <u>le</u> , /s/ as <u>ss</u> /g/ as <u>gg</u> , /er/ as <u>er</u> /d/ as <u>dd</u> , /n/ as <u>nn</u> /m/ as <u>mm</u> , /b/ as <u>bb</u>
Year 1: Term 3	/or/ as <u>ore</u> , /ie/ as <u>i</u> /ay/ as <u>ai</u> , /e/ as <u>ea</u> /w/ as <u>wh</u> , /oo/ as <u>u</u> /ue/ as <u>ew</u> , /ue/ as <u>u-e</u> /c/ as <u>ck</u> , /p/ as <u>pp</u> /oy/ as <u>oi</u> , /oy/ as <u>oy</u> /r/ as <u>wr</u> , /air/ as <u>air</u> /j/ as <u>g</u> , /s/ as <u>c</u> /or/ as <u>aw</u> , /z/ as <u>zz</u> /oa/ as <u>oa</u>

Year/ term	PGC
Year 2: Term 1	/d/ as <u>ed</u> /t/ as <u>ed</u> and <u>d</u> /u/ as <u>o</u> , <u>ou</u> , and <u>o-e</u> /f/ as <u>gh</u> /v/ as <u>ve</u> /oo/ as <u>oul</u> /ay/ as <u>ey</u> and <u>ea</u> /e/ as <u>ea</u> and <u>a</u> /ng/ as <u>n</u> , /s/ as <u>se</u> and <u>ce</u> /n/ as <u>kn</u> /h/ as <u>wh</u> /ch/ as <u>tch</u>
Year 2: Term 2	/ooh/ as <u>ew</u> , <u>ue</u> , and <u>u-e</u> , /f/ as <u>ph</u> /or/ as <u>a</u> , <u>al</u> , and <u>ar</u> /or/ as <u>oor</u> , and <u>oar</u> /or/ as <u>augh</u> , <u>ough</u> , and <u>our</u> /er/ as <u>or</u> and <u>ear</u> , /er/ as and <u>ir</u> and <u>ur</u> , /air/ as <u>ear</u> and <u>are</u> and <u>ere</u> /ee//r/ as <u>ee r</u> and <u>ea r</u> /j/ as <u>dge</u>
Year 2: Term 3	/ei//r/ as <u>ire</u> , /ue//r/as <u>ure</u> /ou//r/ as <u>ower</u> , /ay/ as <u>eigh</u> /oa/ /er/ as <u>ower</u> , /oa/ as <u>oe</u> /oa/ as <u>ough</u> /sh/ as <u>ti</u> , /zh/ as <u>s</u> , /m/ as <u>mb</u> /ee/ as <u>ie</u> and <u>ey</u> /ay/ as <u>a</u> and <u>a--e</u> /ooh/ as <u>ou</u> and <u>ui</u>

