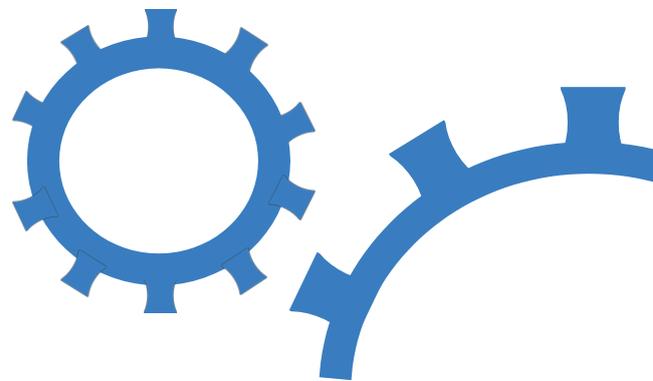


January 2020



Produced by the Barnet
Leading Edge Group for
Literacy Difficulties



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1. Aims & Rationale



Aims

- The aim of the Content Kit is to highlight some of the most useful early skills and knowledge needed for literacy.
- It is aimed at those people supporting pupils who are struggling to learn to read and write, in Key Stage 2 and above.
- It can be used as a starting point for identifying and working on relevant goals for kick starting progress with literacy for pupils who have very few literacy skills, or significant gaps in their literacy skills.
- Moving on to becoming a skilled reader and writer will hopefully be addressed in a future publication.

Rationale

The Content Kit came about because of discussions with staff in a number of Barnet schools about what to teach children in Key Stages 2 and 3 who were struggling to learn to read and write.

Having collaborated on borough wide Guidelines for Literacy Difficulties (see [https://5f2fe3253cd1dfa0d089-bf8b2cdb6a1dc2999fecbc372702016c.ssl.cf3.rackcdn.com/uploads/ckeditor/attachments/3490/EP and HIST - Literacy Difficulties Guidelines May 2017.pdf](https://5f2fe3253cd1dfa0d089-bf8b2cdb6a1dc2999fecbc372702016c.ssl.cf3.rackcdn.com/uploads/ckeditor/attachments/3490/EP_and_HIST_-_Literacy_Difficulties_Guidelines_May_2017.pdf)), we have now worked as a team to highlight priorities for teaching and learning, drawing on experiences in schools, relevant research and Government strategy.

The ideas presented can be incorporated into a tailor-made intervention, drawing on the wide range of materials available within schools and beyond.

It may be that the contents are used to inform decision making about the choice of an evidence-based intervention (e.g. see Brooks, 2018, and also examples of good and outstanding practice via the NASEN (National Association of Special Educational Needs) site:



<https://www.sendgateway.org.uk/resources.sen-support-research-evidence-on-effective-approaches-and-examples-of-current-practice-in-good-and-outstanding-schools-and-colleges.html>).

Research into teaching early literacy skills

Research indicates that teaching of high frequency words that occur in texts, alongside systematic teaching of phonics is an effective approach to teaching early literacy skills. Children who have the most difficulty in learning to read and spell have been found to have a weakness in phonological processing, rapid automatized naming (translating visual information into a phonological code) or both of these. There is very limited research regarding interventions successfully directly targeting rapid automatized naming (see Elliott & Grigorenko, 2014). There is an ongoing debate regarding methods of phonics instruction, concerning whether a “synthetic” approach (teaching grapheme-phoneme correspondences (GPCs) individually and in sequence, and focusing on blending sounds) is preferable to an “analytic” one (beginning with whole words and GPCs, and breaking those words down into their component parts). Castles et al (2018) suggest that there is not yet sufficient evidence to draw a firm conclusion. They have also concluded that there is not yet sufficient evidence to indicate the optimal number of GPCs which should be taught. The Content Kit will therefore be reviewed as more evidence becomes available.

We have drawn on Solity and his colleagues’ Early Reading Research (ERR) work (e.g. see Solity and Vousden, 2009) to enable us to highlight the 100 words that have been found to occur most frequently in a large sample of children’s and adult’s

literature (accounting for 53% of the words), and the most common GPC mappings (the representations that lead to the correct pronunciation in 90% of the monosyllabic words – see Diagram 1¹). We have then mapped these onto the GPCs and high frequency words (HFWs) in Letters and Sounds (DfE, 2008).



Diagram 1: Helping pupils to prioritise the most useful information when developing early literacy skills

When reading, if you see a grapheme, which phoneme is it most likely to correspond to?

ou →
uh as in **rou**gh
ow as in **bou**gh
owe as in **thou**gh
oo as in **throu**gh
ou as in **abou**t

When spelling, if you hear a phoneme, which grapheme is it most likely to correspond to?

sh →
ss as in **missi**on
s as in **sure**
ch as in **charade**
ci as in **special**
sh as in **ship**

¹ As noted in the “Aims” section, moving on to becoming a skilled reader and writer will hopefully be addressed in a future publication. Research indicates that although very hard for some to grasp, by securely learning the most commonly occurring phoneme for each grapheme (Solity, 2003), pupils are better placed to continue on their journey of self-teaching as they continue to be exposed to a variety of texts (Rastle, 2017). As well as developing more sophisticated phonic skills, factors such as learning of vocabulary and reading comprehension strategies are important, including by exposure to a wide variety of texts. Fluency is promoted through the neurological links that are made between sounds, meanings and spellings (Rastle, 2019).

Key teaching principles



The ERR work is based on principles which we endorse, including:

- **Optimisation** (identifying the optimal number of HFWs and GPCs to teach)
- **Distributed practice** (e.g. three sessions of 15 minutes is preferable to one session of 45 minutes)
- **Interleaved learning** (mixing new material with older, more familiar material to aid retention)
- **Promoting generalisation** (small units of knowledge (GPCs) are easier to generalise than bigger units)
- **Representation and contextual distinctiveness are valued** (children are: (i) taught to read through texts which represent the written structures they will encounter as their reading improves and (ii) see new words in as many different contexts as possible)
- **Teach to high fluency levels**
- **Teach the skills which are explicitly used when reading, writing and spelling**
- **Pupil involvement** (e.g. giving pupils feedback on their progress)
- **Response to Intervention** (includes various principles including creating teaching targets based on monitoring progress – see Elliott and Grigorenko, 2014)



In line with this approach, we are suggesting that there is an emphasis on blending phonemes when learning to read, and segmenting words when learning to spell. Building up enough trust so that pupils are willing to try and write independently, using the knowledge they are acquiring, will help to reinforce learning. A range of strategies to enable this can be found in the “Supporting Development” sections. Although ultimately almost half of the most frequently occurring words are phonically regular, initially learning them by sight can present the fastest route into literacy. Castles et al (2018) note that the most successful methods of teaching sight vocabulary “are likely to involve engaging children in detailed study of the letters in the word and their sequence—with a focus on the difficult parts—and linking this with the word’s pronunciation”. Interleaving learning of these words with GPCs is described within the Letters and Sounds approach.

Solity suggests an emphasis on the use of real books rather than reading scheme books, and has shown a good evidence base for the success of this approach (see <https://optimapsychology.com/>). Rastle’s analysis (2019) suggests that there is good evidence for using decodable readers in the very early stages of reading instruction. She suggests that beyond the initial stages of reading, however, the case for decodable books weakens. Grant (2016) highlights that the overall “aim is to establish a love of books and literature and to increase confidence and enjoyment”, particularly significant aims for pupils who have already experienced difficulties with learning literacy skills.

Once pupils have a grasp of frequently occurring GPCs and words, attention can be given to learning the letter names and the order of the alphabet. Knowledge of letter names has been shown to support letter sound acquisition (Piasta and Wagner, 2009). Letter names provide a common language to discuss letters and are often used when spellings are dictated e.g. when a teacher spells out a word or a person gives their contact details. Letter sounds

would be associated with younger children in these contexts. As well as for traditional reasons such as looking up a dictionary definition, being able to use the alphabet remains relevant in the digital age e.g. when looking up a contact on a mobile phone. Functional Skills English exams include a discreet dictionary-based question on each level of the reading paper.



Motivation

Castles et al (2018) emphasize the importance of motivating pupils to read. They draw attention to effective strategies suggested by Willingham: maximizing the value of reading and making the choice to do so easy. “Children will value the activity of reading more if they have opportunities to read texts that they are interested in, that their friends are reading, or that are of some practical use to them. For example, comics, books of song lyrics, movie novelizations, or sporting skill manuals are all texts that—although they do not fall into the category of great literature—may be intrinsically motivating to a child.

In relation to making the choice easy, Willingham notes that the amount of personal time that children spend reading depends not just on whether they want to read but also on whether they want to do it more than all the other available options. He refers to a recent survey in which 30% of teenagers reported that they enjoyed reading “a lot” but also reported that they enjoyed other activities such as watching videos and gaming more (Rideout, 2015).

To shift the decision in favour of reading, Willingham suggests making that option as available as possible, noting that even small increases in availability have been shown to affect choices in other contexts; for example, moving the salad bar closer to restaurant diners by just 10 inches is enough to make them more likely to select food from it (Rozin et al., 2011; see Halpern, 2015). Therefore, Willingham recommends making sure that reading material is highly visible—in every classroom, in multiple rooms in the house, in the car, and so on—to maximize the chance that children will pick something up and read it.

A final point to note here is that the desire to read is integrally linked with reading ability itself: Children are more motivated to read, and engage in it more, when they are good at it (Mol & Bus, 2011; Willingham, 2017a). Therefore, the question of how to best motivate children to read should not be seen as divorced from the question of how best to teach them. On the contrary, one clear and achievable means of maximizing motivation is to ensure that children have solid basic skills and consider being “a reader” a key part of their identities.”



2. Using the Content Kit



The first step in deciding what to teach is to establish what a pupil already knows. The idea of this kit is that formative assessment should be used; future goals will be based largely on monitoring pupils' learning through teaching and moving on when the pupils are ready.

A baseline of which common sounds and words a pupil can read and spell should be established, as well as knowledge of letter names and the alphabet (see following pages). A sample of free writing will also help indicate their level of competency with independent writing, spelling, punctuation and grammar.

In addition to general targets for literacy, it is suggested that pupil's knowledge of the following is also checked:

| Information | Read (date and proficiency) | Reading Speed under 3 seconds? | Written (date and proficiency) |
|--------------------------------------|------------------------------------|---------------------------------------|---------------------------------------|
| First name | | | |
| Surname | | | |
| Address | | | |
| Date of birth | | | |
| Sample of free writing taken (dated) | | | |

Proficiency Rating

When assessing what a pupil can read and spell, it may be useful to rate skills using a scale. The 1 – 5 scale already used in many Barnet can be employed.

The Barnet 5 Point Scale:



- 1. Child not yet able to achieve – adult is introducing target**
- 2. Child is beginning to respond to target, but only with a high level of adult support and not able to yet achieve independently**
- 3. Child achieves target intermittently with some difficulty and adult support**
- 4. Child achieves fairly consistently, only occasional difficulty/occasional adult support**
- 5. Child achieves target consistently, without significant difficulty or need for adult support**

Any subsequent programme of work planned should incorporate goals for reading, spelling and writing, with small, manageable steps. Filling in gaps in early knowledge will enable a secure foundation for building subsequent skills. For example, if a pupil is not able to read two of the graphemes in List 2, and 2 from List 3, these would make a useful and manageable target. The other graphemes in Lists 2 and 3 would not need to be focused on for reading. Letter names and the alphabet may be taught once letter sounds and frequently occurring GPCs are secure, probably grouping the letters into sections to make goals manageable.

3. Frequently Occurring Graphemes and Phonemes



In line with the principles set out in the Rationale section, below are lists of 61 of the most frequently occurring Grapheme Phoneme Correspondences (GPCs), along with double identical consonants (e.g. “ff”), the past tense suffix “ed” and the plural suffix “s” (Solity & Vousden, 2009). They have been organised into lists including according to where they appear in Letters & Sounds (The National Strategies, 2008).

List 1: The sound of each alphabet letter

List 2: Other most frequently occurring GPCs from Phases 2 & 3 (Sets 1-7)

List 3: Split Digraphs, Phase 5

List 4: Other most frequently occurring GPCs from Phase 5

When assessing what a pupil knows, you may wish to note down the pupil's reading errors. Spelling successes and errors are recorded by the pupil during assessment and may be retained for reference.

Example of recording:

List 1

| Sound | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|-----------------|--------------------------------|--------------------------------|--------------------------------|
| “a” as in apple | 10.07.19 1 “uh” | X | 10.07.19 5 |
| “b” as in ball | 10.07.19 5 | √ | 10.07.19 5 |



List 1

| | | | |
|---|---|---|---|
| a | b | c | d |
| e | f | g | h |
| i | j | k | l |
| m | n | o | p |
| q | r | s | t |
| u | v | w | x |
| y | z | | |

List 2

| | | | |
|------|------|------|------|
| kick | cuff | tell | mass |
| chop | bark | ship | cord |
| thin | burn | wait | soil |
| weep | ear | high | hair |
| boot | fern | | |

**List 3**

| | | | |
|-------|-------|------|------|
| make | these | time | bone |
| flute | bake | eve | ripe |
| woke | tube | | |

List 4

| | | | |
|------|--------|-------|--------|
| day | boy | when | about |
| girl | photo | blew | sea |
| paw | launch | money | coat |
| door | know | quick | looked |
| peas | | | |

Record Sheets



List 1

| Sound | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|-----------------|--------------------------------|--------------------------------|--------------------------------|
| "a" as in apple | | | |
| "b" as in ball | | | |
| "c" as in cat | | | |
| "d" as in dog | | | |
| "e" as in egg | | | |
| "f" as in fish | | | |
| "g" as in got | | | |
| "h" as in horse | | | |
| "i" as in sit | | | |
| "j" as in jump | | | |
| "k" as in kite | | | |
| "l" as in lion | | | |
| "m" as in man | | | |
| "n" as in nip | | | |
| "o" as in log | | | |
| "p" as in pig | | | |
| "q" as in quiet | | | |
| "r" as in rat | | | |
| "s" as in sun | | | |
| "t" as in top | | | |
| "u" as in sun | | | |
| "v" as in van | | | |
| "w" as in win | | | |
| "x" as in fox | | | |
| "y" as in yo yo | | | |
| "z" as in zip | | | |



List 2

| Sound | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------------------|--------------------------------|--------------------------------|--------------------------------|
| "ck" as in kick | | | |
| "ff" as in cuff | | | |
| "ll" as in tell | | | |
| "ss" as in mass | | | |
| "ch" as in chop | | | |
| "ar" as in bark | | | |
| "sh" as in ship | | | |
| "or" as in cord | | | |
| "th" as in thin | | | |
| "ur" as in burn | | | |
| "ai" as in wait | | | |
| "oi" as in soil | | | |
| "ee" as in weep | | | |
| "ea" as in ear | | | |
| "igh" as in high | | | |
| "ai" as in hair | | | |
| "oo" as in boot | | | |
| "er" as in fern | | | |

List 3

| Sound | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|-------------------|--------------------------------|--------------------------------|--------------------------------|
| "a_e" as in make | | | |
| "e_e" as in these | | | |
| "i_e" as in time | | | |
| "o_e" as in bone | | | |
| "u_e" as in flute | | | |
| "a_e" as in bake | | | |
| "e_e" as in Eve | | | |
| "i_e" as in ripe | | | |
| "o_e" as in woke | | | |
| "u_e" as in tube | | | |



List 4

| Sound | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|-------------------------------------|--------------------------------|--------------------------------|--------------------------------|
| "ay" as in day | | | |
| "oy" as in boy | | | |
| "wh" as in when | | | |
| "ou" as in about | | | |
| "ir" as in girl | | | |
| "ph" as in photo | | | |
| "ew" as in blew | | | |
| "ea" as in sea | | | |
| "aw" as in paw | | | |
| "au" as in launch | | | |
| "ey" as in money | | | |
| "oa" as in coat | | | |
| "oor" as in door | | | |
| "kn" as in know | | | |
| "qu" as in quick | | | |
| "ed" pronounced "t" as in looked | | | |
| "s" pronounced "z" as in peas | | | |

4. Frequently Occurring Words



In line with the principles set out in the Rationale section, below are lists of the 100 most frequently occurring words in a range of adult and children's literature (Solity & Vousden, 2009). They have been organised into lists including according to where they appear in Letters & Sounds (The National Strategies, 2008).

List 5: The 16 most frequently occurring words

List 6: The most frequently occurring words appearing in the Phase 2 checklist

List 7: The most frequently occurring words appearing in the Phase 3 checklist

List 8: The most frequently occurring words appearing in the Phase 4 checklist

List 9: The most frequently occurring words appearing in the Phase 5 checklist

List 10: The most frequently occurring words appearing in the Next 200 common words checklist

When assessing what a pupil knows, you may wish to note down the pupil's reading errors. Spelling successes and errors are recorded by the pupil during assessment and may be retained for reference.

Example of recording:

List 5

| Word | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------|--------------------------------|--------------------------------|--------------------------------|
| a | 10.07.19 5 | √ | 10.07.19 5 |
| and | 10.07.19 1 "in" | x | 10.07.19 1 |



List 5

| | | | |
|----|------|------|------|
| a | and | he | I |
| in | is | it | my |
| of | that | the | then |
| to | was | went | with |

List 6

| | | | |
|------|-----|-----|------|
| an | as | at | off |
| on | can | had | back |
| get | big | him | not |
| got | up | but | go |
| into | his | | |

List 7

| | | | |
|------|------|------|------|
| will | this | them | see |
| for | now | down | look |
| too | he | she | we |
| me | be | you | they |
| all | are | her | call |

List 8

| | | | |
|------|-------|--------|------|
| from | said | have | like |
| so | do | some | come |
| were | there | little | one |
| when | out | what | |

List 9

| | | | |
|-------|-------|------|-------|
| old | by | time | about |
| made | came | make | here |
| saw | very | put | their |
| could | today | take | |

List 10

| | | | |
|-------|-------|---------|------|
| away | over | did | new |
| after | our | two | has |
| us | other | next | live |
| three | last | because | am |
| once | | | |



Record Sheets

List 5

| Word | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------|--------------------------------|--------------------------------|--------------------------------|
| a | | | |
| and | | | |
| he | | | |
| I | | | |
| in | | | |
| is | | | |
| it | | | |
| my | | | |
| of | | | |
| that | | | |
| the | | | |
| then | | | |
| to | | | |
| was | | | |
| went | | | |
| with | | | |

List 6

| Word | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------|--------------------------------|--------------------------------|--------------------------------|
| an | | | |
| As | | | |
| At | | | |
| off | | | |
| on | | | |
| can | | | |
| had | | | |
| back | | | |
| get | | | |
| big | | | |
| him | | | |
| not | | | |
| got | | | |
| up | | | |
| but | | | |
| go | | | |
| into | | | |
| his | | | |

**List 7**

| Word | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------|--------------------------------|--------------------------------|--------------------------------|
| will | | | |
| this | | | |
| them | | | |
| see | | | |
| for | | | |
| now | | | |
| down | | | |
| look | | | |
| too | | | |
| he | | | |
| she | | | |
| we | | | |
| me | | | |
| be | | | |
| you | | | |
| they | | | |
| all | | | |
| are | | | |
| her | | | |
| call | | | |

List 8

| Word | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|--------|--------------------------------|--------------------------------|--------------------------------|
| from | | | |
| said | | | |
| have | | | |
| like | | | |
| so | | | |
| do | | | |
| some | | | |
| come | | | |
| were | | | |
| there | | | |
| little | | | |
| one | | | |
| when | | | |
| out | | | |
| what | | | |

**List 9**

| Word | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|-------------|---------------------------------------|---------------------------------------|---------------------------------------|
| old | | | |
| by | | | |
| time | | | |
| about | | | |
| made | | | |
| came | | | |
| make | | | |
| here | | | |
| saw | | | |
| very | | | |
| put | | | |
| their | | | |
| could | | | |
| today | | | |
| take | | | |

List 10

| Word | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|-------------|---------------------------------------|---------------------------------------|---------------------------------------|
| away | | | |
| over | | | |
| did | | | |
| new | | | |
| after | | | |
| our | | | |
| two | | | |
| has | | | |
| us | | | |
| other | | | |
| next | | | |
| live | | | |
| three | | | |
| last | | | |
| because | | | |
| am | | | |
| once | | | |

5. Letter Names and the Alphabet



In line with the principles set out in the Rationale section, below are lists of the letters and sequence of the alphabet. They have been organised into lists to promote the setting of manageable goals for learning, but as with other lists, these may need to be broken down further during teaching.

List 11: a – h

List 12: i – p

List 13: q – z

List 14: Alphabet order

When assessing what a pupil knows, you may wish to note down the pupil's reading errors. Spelling successes and errors are recorded by the pupil during assessment and may be retained for reference.

Example of recording:

List 11

| Letter | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|--------|--------------------------------|--------------------------------|--------------------------------|
| a | 10.07.19 5 | √ | 10.07.19 5 |
| b | 10.07.19 1 "p" | x | 10.07.19 1 |

When assessing alphabet order, pupils can recite or sing it. To explore their ability to order the graphemes, wooden or magnetic letters can be used.

List 11

| | | | |
|---|---|---|---|
| a | b | c | d |
| e | f | g | h |

List 12

| | | | |
|---|---|---|---|
| i | j | k | l |
| m | n | o | p |

List 13

| | | | |
|---|---|---|---|
| q | r | s | t |
| u | v | w | x |
| y | z | | |

Record Sheets



List 11

| Name | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------|--------------------------------|--------------------------------|--------------------------------|
| a | | | |
| b | | | |
| c | | | |
| d | | | |
| e | | | |
| f | | | |
| g | | | |
| h | | | |

List 12

| Name | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------|--------------------------------|--------------------------------|--------------------------------|
| i | | | |
| j | | | |
| k | | | |
| l | | | |
| m | | | |
| n | | | |
| o | | | |
| p | | | |

List 13

| Name | Reading (date and proficiency) | Reading Speed under 3 seconds? | Writing (date and proficiency) |
|------|--------------------------------|--------------------------------|--------------------------------|
| q | | | |
| r | | | |
| s | | | |
| t | | | |
| u | | | |
| v | | | |
| w | | | |
| x | | | |
| y | | | |
| z | | | |



Name:

Date:

Alphabet Ordering (note down speed and errors):

Accuracy when recited / sung:

a b c d e f g h i j k l m n o p q r s t u v w x y z

Time taken:

Accuracy when ordered e.g. with magnetic letters:

a b c d e f g h i j k l m n o p q r s t u v w x y z

Time taken:

6. Supporting Reading Development



Pupils need to be taught to read grapheme phoneme correspondences (GPCs) and frequently occurring words, learning to fluently recognise the GPCs and words on their own and recall them when reading books. Each session should therefore include practicing rapid recall of GPCs (e.g. through Precision Teaching) and reading with others (e.g. through Paired Reading) to enable them to be supported to synthesise words with the GPCs they are learning. For struggling readers, the principles of good teaching referred to in the Rationale are critical. Maintaining pupils' motivation alongside ensuring they experience success through setting manageable goals; tiny steps may be necessary. Allowing sufficient practice to ensure mastery is critical.

Order of Teaching Reading

Taking account of the working memory required for tasks (Solity, 2003), but also considering Letters & Sounds, the following order of teaching is suggested:

- Individual letter sounds, List 1
- VC [Vowel – Consonant] words that blend at letter level (e.g. an)
- CVC words that blend at letter level (e.g. cat)
- CVCC words that blend at letter level (e.g. bark)
- CCVCC words that blend at letter level (e.g. stamp)
- Digraphs, List 2 (e.g. cord), also “igh”, List 2
- CVCe words, List 3 (e.g. make)
- Digraphs, List 4 (e.g. day), also suffixes List 4

Blending of sounds is the most significant reading skill being targeted when teaching GPCs and reading.



Letters & Sounds gives a detailed example of a structure in which GPC and high frequency word learning are interleaved. The GPC and frequently occurring word lists provided have therefore been approximately aligned with the sets and phases described in that document.

(please see https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/190599/Letters_and_Sounds_-_DFES-00281-2007.pdf)

Numerous activities are contained in the document, and further activities can be found in the array of materials available in schools and online e.g. see programmes of activities in http://www.snip-newsletter.co.uk/pdfs/downloads/literacy_programme_1.pdf

A Metacognitive Approach to Teaching Reading

Teaching children how to think about which strategies they are using when reading

As well as directly teaching phonological skills such as letter sound relationships, sound analysis and blending, children will benefit from help to think systematically about the strategies they can use when reading.

1. Teaching about the structure of texts helps with the scaffolding that enables prediction and bringing existing knowledge to the forefront of the mind, e.g. Is the purpose to describe or explain? What are the elements of a story?



2. Teaching reading comprehension strategies helps; What do I already know? What do I predict will happen? What questions can I ask to see what I understand? What do I need to clarify? Can I summarise what I have read so far? (From the Reciprocal Teaching intervention developed by Palincsar and Brown, 1984)

3. Teaching children to use decoding strategies in a systematic way will help:

a. Sound out the word

strand → **sss + t + rrr + aaa + nnn + d**

b. Look for words that rhyme

limerick → **[him] [her] [kick]**

c. Peel off the suffixes / prefixes

unrelenting → **[un] [re] lent [ing]**

d. Try out different vowel sounds

head bead break seam? great? breath?

e. Spy the words you know within words

dogmatic → **dog mat ic**

4. Helping children change their attributions so that they see that the way they approach reading makes a difference:

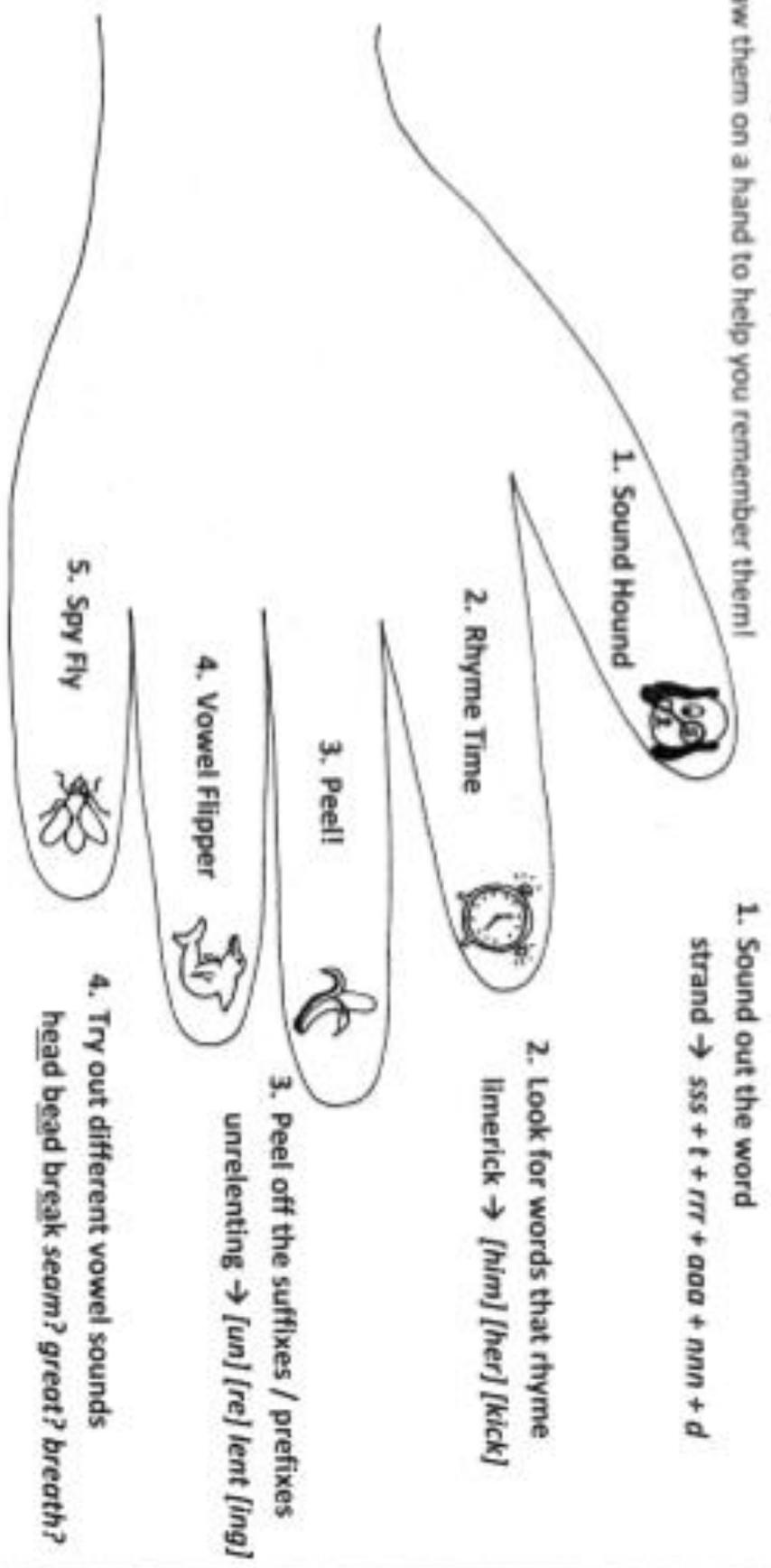
Take a Breath

“When I see ea in a word, first, I’ll try ee, then, I’ll try e, then I’ll try a, and see what gives me a real word. First I’ll try ee. I sound out the words and see if it makes a word I know: breeth. It doesn’t make a real word, but I don’t give up. I go on to the next step. Now I’ll try e: breath. Yes, that’s a real word! My strategy worked: First I tried one sound, then, I tried another. I was flexible, I stuck at it, and I got it!”

From the PHAST Reading Program, M.W. Lovett, Learning Disabilities Research Program, Hospital for Sick Children <http://www.sickkids.ca/LDRP/>

Top Five Handy Ideas for Reading a Word:

- Look at the ideas before you start reading
- Work through them when you're stuck on a word
- Draw them on a hand to help you remember them!



1. Sound out the word
strand → sss + t + rrr + aaa + nnn + d

2. Look for words that rhyme
limerick → [him] [her] [kick]

3. Peel off the suffixes / prefixes
unrelenting → [un] [re] lent [ing]

4. Try out different vowel sounds
head bead break seam? great? breath?

5. Spy the words you know within words
dogmatic → dog mat ic

Based on ideas from the PHAST Reading Program, M.W. Lovett, Learning Disabilities Research Program, Hospital for Sick Children
<http://www.sickkids.ca/DERP/>, as referred to in The Content Kit (see Barnet's Local Offer page https://www.barnetlocaloffer.org.uk/senco_zone)

7. Supporting Spelling Development



Spelling practice should be built into each session of a programme of support, ensuring that pupils master spelling the prioritised grapheme phoneme correspondences (GPCs) and high frequency words suggested. Learning to spell phonemes and words are harder skills than learning to read them, and principles of teaching such as sufficient opportunities for practice and generalisation should be considered. Once they have been mastered to fluency, further words can be targeted, with an approach that shows pupils how to seek out patterns in words and highlights meaning. Pupils should be explicitly taught about how root words, beginnings and endings of words carry meaning. Words should be revisited to ensure they are practised until learned securely. The words learned should be relevant to what is being practiced when reading, and then used in a variety of writing tasks. A teacher who models enjoying looking for spelling patterns will hopefully convey that to a pupil. A pupil who experiences success in spelling will find it easier to stay motivated with further spelling challenges. Letter tiles / magnetic / wooden letters enable a pupil to try out arranging letters without committing to writing them down. A graduated approach can be used e.g. starting by supplying all the correct letters for a word, then gradually increasing the choice of letters.

Suggested Strategies when Teaching Spelling

- ✓ **Teach to say the word and tap out the syllables**
- ✓ **Teach to segment the grapheme-phoneme correspondents (for example, sh-ou-t)**
- ✓ **Teach to remember similar sounding words (for example, bat, cat, fat, rat)**
- ✓ **Teach the origin of the word (for example bi-cycle = two and wheels).**
- ✓ **Teach roots, prefixes and suffixes (for example, like, liked, dislike)**

Further Strategies



- ✓ Practise: look – say – cover – write – check
- ✓ Look for a shorter word within the word which will help you remember it (for example, “a rat” in “separate”)
- ✓ Say the word clearly, syllable by syllable (for example, re-mem-ber)
- ✓ Say the word in your head or out loud, as it is written (for example, wed-nes-day)
- ✓ Make up rhymes or mnemonics to help you remember.
- ✓ Take a mental photograph of the word.
- ✓ Use spelling rules (see following)

Suggested Teaching Priorities for Early Spelling Rules

1. **Silent e:** if the vowel says its name the word ends in e.
e.g. Kit – kite
Drop the e before the ending
e.g. Write – writing
2. **Plurals:** Change y to i when you add an ending.
e.g. Pretty – prettier.
3. **Plurals:** If a word ends in s, sh, ch, x, or z, add es.
e.g. church – churches
4. **Doubling:** Double the last consonant for cvc words (short vowel sound) when adding an ending.
e.g. sit – sitter
5. **V ending:** No English words end in a v, there is always an e after a v.
6. **Every word** always has either a **vowel** or a **y** in it.

7. Supporting the Learning of the Alphabet



Owing to the abstract nature of the alphabet, most people find it easier to learn the order as a song. Many online songs have the advantage of showing each letter separately when singing, but be aware that many focus on letter names and sounds in the same song, and are targeted at young children. It is likely that as with other areas of literacy learning, breaking the task into small sections which are regularly practiced will be necessary to achieve accuracy and automaticity.

In supporting pupils to be able to order the graphemes into alphabetical order, many find it helpful to use a rainbow arc alongside wooden or magnetic letters.



Having assessed what the pupil is able to do independently, a plan can be made of how large a section of the alphabet to tackle. Often pupils need to tackle a section discretely before adding it to a section they are more secure with.

8. Supporting Writing Development



Ideas for Promoting Independent Writing

Writing practice* should be built into each session of a programme of support, and should provide a range of opportunities to practice developing skills that are being targeted e.g. high frequency words. When attempting to write words, pupils may manage to use certain letters to represent some of the phonemes in a word, but miss out others. As skills develop and they attempt to represent more complex sounds, the order of sounds may be confused. Building confidence and motivation must be considered when planning tasks. Appreciating the purpose of a piece of writing can increase the engagement with the task

*Handwriting is an area of difficulty for some students. Professional judgement should be used to inform whether an alternative form of recording should be considered, and under what circumstances.

Encourage the pupil to “Have a go”

Pupils benefit from a supportive environment, created by trusted adults, in which they are encouraged to take risks with their learning and attempt to write. Starting with manageable targets and gradually increasing expectations as skills develop should help promote independence.

- Have a go at writing a list
- Have a go at writing a sentence

Spell key words to enable the pupil to build a sentence



A pupil may be helped by creating a sentence and saying it aloud, and then having key words written down for them to use in their writing. For example:

Pupil says: "There was a loud scream so I ran away really fast."

Adult says: "l-ou-d, scr-ea-m, f-as-t,

Adult writes: "loud scream fast"

Use Writing Frames to Support Planning

Giving some structure to a piece of writing can help a pupil manage the expectations of a task. This could be through a sentence starter, a question prompt or even just single words. Helping a pupil learn to plan what they want to write is likely to be significant in supporting their writing development.

Use Cloze Procedure

Giving most of a sentence to a pupil enables them to focus more on the words they are filling in. Missing words can have both the first letter and a line length which represents the word length. (f_) (e_____). For those with few literacy skills, sentences will need to be short and simple, but sentence length and complexity can be built up. As skills increase, missing words may not have first letter or line length as a cue.

Suggested Priorities for Teaching Punctuation

- Capital Letters
- Full Stops
- Commas: for lists; to separate main clauses in a sentence; to indicate a natural pause.
- Question marks
- Exclamation marks

Teaching of correct speech marks and apostrophes may be prioritised if a pupil is already attempting to use them. The order in which the punctuation marks are taught is up to professional judgement.

8. Acknowledgements & References



Thanks go to all members of the Barnet Leading Edge Group for Literacy Difficulties for their time and effort in contributing to this endeavour, and to the relevant Barnet schools and organisations for enabling this. Members include:

Liz Severn (Group Leader, Advisory Teacher for Literacy Needs), Alexis Beaver (Educational Psychologist), Tal Berman-Howarth (Barnet Parent Carer Forum), Elizabeth Burns (Annunciation Junior School), Samina Khan (The Archer Academy), Sian Morris (The Hyde School), Loretta Negri (Broadfields Primary School), Jean Silva (St James' Catholic High School), Charlotte Singh (Oak Hill School), Nikki Townley (The Archer Academy)

Special thanks also go to Helena Silva, who developed the graphics for this kit.

References

Barnet Educational Psychology Team and Specialist Inclusion Services (2017) London Borough of Barnet Guidelines for Literacy Difficulties

https://5f2fe3253cd1dfa0d089-bf8b2cdb6a1dc2999fecbc372702016c.ssl.cf3.rackcdn.com/uploads/ckeditor/attachments/3490/EP_and_HIST_-_Literacy_Difficulties_Guidelines_May_2017.pdf

Brooks, G. (2016), What Works for Children and Young People with Literacy Difficulties? Accessed via The Dyslexia-SpLD Trust website;

<http://interventionsforliteracy.org.uk/home/interventions/advanced-search/>



Castles, A., Rastle, K. and Nation, K. (2018) Ending the Reading Wars: Reading Acquisition From Novice to Expert Psychological Science in the Public Interest, Vol. 19 (1): 5 – 51

Department for Education, (2008) Letters and Sounds, The National Strategies (Primary)
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/190599/Letters_and_Sounds_-_DFES-00281-2007.pdf

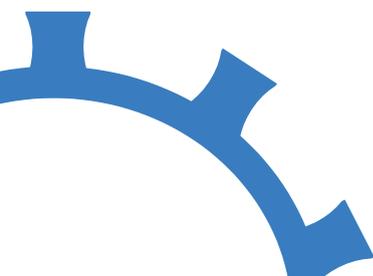
Elliott, J. G. & Grigorenko, E. L. (2014). The Dyslexia Debate. Cambridge University Press.

Grant, M. (2016) The Optima Reading Programme by Dr Jonathan Solity: Does it Provide Optimal Results? Referenced article on Reading Reform Foundation website October 2016
<https://rrf.org.uk/2017/01/28/the-optima-reading-programme-by-dr-jonathan-solity-does-it-provide-optimal-results-a-paper-by-dr-marlynne-grant/>

Grünke, M. and Leonard-Zabel, M. (2015) How to Support Struggling Writers: What the Research Stipulates. International Journal of Special Education Vol 30 (30): 132 - 147

Hughes, J.C., Beverley, M. & Whitehead, J. (2007) Using precision teaching to increase the fluency of word reading with problem readers. European Journal of Behavior Analysis Vol. 8 (2): 221-238

Lovett, M.W. , PHAST Reading Program, Learning Disabilities Research Program, Hospital for Sick Children
<http://www.sickkids.ca/LDRP/>





NASEN (National Association of Special Educational Needs) site
<https://www.sendgateway.org.uk/resources.sen-support-research-evidence-on-effective-approaches-and-examples-of-current-practice-in-good-and-outstanding-schools-and-colleges.html>).

Palinscar, A. & Brown, L. (1984) Reciprocal Teaching of Comprehension-Fostering and Comprehension-Monitoring Activities Cognition and Instruction Vol 1 (2): 117-175

Piasta, S. & Wagner, R. Learning letter names and sounds: Effects of instruction, letter type, and phonological processing skill. (2010) Journal of Experimental Child Psychology, 105, 324-344.

Pollock, J (1978) Signposts to Spelling, Hollen Street Press

Putman, R. Using Research to Make Informed Decisions about the Spelling Curriculum (2017) Texas Journal of Literacy Education, Vol 5 (1): 24 - 32.

Rastle, K., (2019) EPS mid-career prize lecture 2017: Writing systems, reading, and language. Quarterly Journal of Experimental Psychology 2019, Vol. 72 (4): 677-69

Smart, C. and Smart, P. Special Needs Information Press
http://www.snip-newsletter.co.uk/pdfs/downloads/literacy_programme_1.pdf

Solity, J. (2003) Teaching Phonics in Context: A Critique of the National Literacy Strategy. Paper Presented to DfES Seminar "Teaching Phonics in the National Literacy Strategy"

Solity, J & Shapiro, L.R. (2008) Developing the Practice of Educational Psychologists Through Theory and Research. Educational & Child Psychology Vol 25 (3): 119 – 145



Solity, J. & Vousden, J. (2009) Real books vs reading schemes: a new perspective from instructional psychology *Educational Psychology*, Vol 29 (4): 469-511

https://www.researchgate.net/profile/Janet_Vousden/publication/233478739_Real_books_vs_reading_schemes_a_new_perspective_from_instructional_psychology/links/56e1579908ae9b93f79df9bf/Real-books-vs-reading-schemes-a-new-perspective-from-instructional-psychology.pdf?origin=publication_detail

Topping, K. J. (2006) Paired Reading: Impact of a Tutoring Method on Reading Accuracy, Comprehension and Fluency. In T. Rasinski, C. Blachowicz, & K. Lems (Eds.), *Fluency instruction: research-based best practices* (pp. 173-191). Guilford Press.