

Welcome. Today – an attempt to raise more awareness about spelling – Do we really TEACH it?

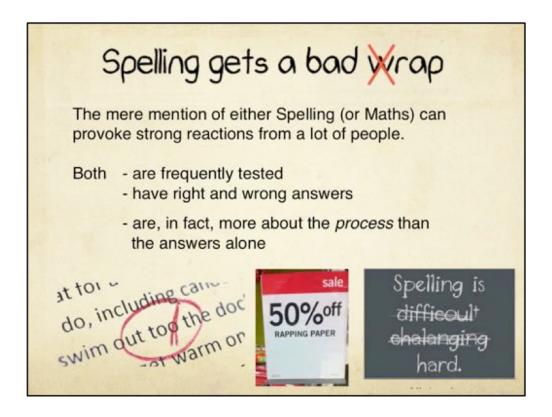


https://www.youtube.com/watch?v=yARAMsWetZY
Little Trump competes at National Spelling Bee
Hilarious – Trump in the Spelling Bee.
8 November 2016 = USA - Election Day – Trump vs. Clinton (The day of this presentation.)



Bad spelling always attracts a photo.

Have you ever corrected a Menu, a sign etc.? Do you take photos of bad signs? What are YOUR 'spelling demons' – words you really have to think about? How have you overcome their challenges?



People are far too quick to call themselves "bad spellers" or "no good at Maths". Unfortunately, poor spelling can reflect on someone's level of education/character.

Neither is an innate skill - both are learned skill sets.



POP-UP: Blue arrow.

I hope that we no longer do this!

Oh dear – "Misspelt" is frequently misspelt It is a spelling demon itself.

Should we take heart that:

- 50% of English words are predictable by rules
- 36% of English words are predictable, with just one possible error (usually a vowel)
- 10% are predictable, given their morphology and origin
- 4% are true oddities

Louisa Moats: "English gets a bad rap" (2009)

OR NOT?

English sounds and letters have a 1:1 match only 12% of the time – so, "sounding out" will never be enough.



Misty Adoniou: "Spelling it Out" (2016)

Louisa Moats' article - SEE:

http://www.readingrockets.org/article/english-gets-bad-rap

Misty Adoniou (2016). Spell It Out. Melbourne: Cambridge University Press.

Moats – is a **reading** specialist.

Adoniou – is a **spelling** specialist (among many other things!).

Oh well, we have Spell Checkers, don't we?

Eye have a spelling chequer; It came with my Pea Sea. It plane lee marks four my revue Miss Steaks I can knot sea.

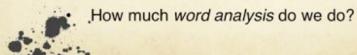
Eye strike the quays and type a whirred And weight four it two say Weather eye am write oar wrong. It tells me straight a weigh.

Eye ran this poem threw it, Your shore real glad two no: Its vary polished in its weigh -My chequer tolled me sew.

So much for the Spell Checkers!

Today's focs foks focus

- Spelling, reading and vocabulary:
 How do EAL/D learners differ from L1 learners?
- When we set a spelling test, are we checking our students' vocabulary knowledge - or spelling -(or both)?
- Are we truly teaching spelling or are we mainly testing spelling?



In today's presentation, I will be looking at the place of SPELLING in EAL/D. Most of these questions – are rhetorical - at this stage.

L1 learners have HUGE vocabularies.

They will KNOW most of the words - they will need to learn to SPELL them. EAL/D learners are learning the vocabulary itself – as well as the spelling – and how the alphabetic code plays into reading/spelling.

What is the role of spelling spelling in your EAL/D teaching?

- · How high a priority is spelling for you?
- · Do you run regular spelling tests?
- How do you select the words?
- How do you prepare your students for spelling tests?
- How do you deliver spelling tests?
- · What do you do with students' errors?





ROOM SURVEY – Who sets regular "spelling tests"?

>>>> BRIEF DISCUSSION AROUND THE ROOM.

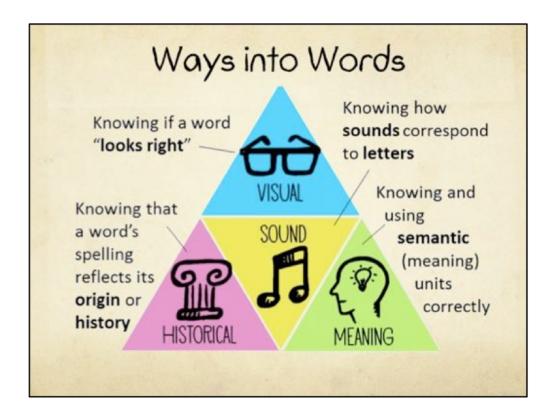


Clip from one of her videos: https://www.youtube.com/watch?v=XSVBVwu_vNQ April 2014.

SEE A FULL LECTURE BY MISTY HERE: https://www.youtube.com/watch? v=_FaGp6fFXzI

(Basically – her book in one lecture – the sound quality is not good, but it improves about half-way through).

"Join the Education R-Evolution", 19 March, 2016, TESOL Greece, Plenary Talk.



SOURCE: http://www.theclassroomkey.com/2016/05/really-know-spelling.html

AUSTRALIAN CURRICULUM VIDEOS ON SPELLING – stilted and rehearsed – but – they do follow these four ways into words:

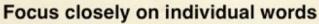
http://www.teachingacenglish.edu.au/explicit-teaching/spelling/explicit-teaching-spelling-years-3-7-8.html

Spelling Knowledge

What do learners need to *know* and *do* in order to become proficient spellers?

Do our learners fully realise that ...

- · there are sounds in there?
- there are patterns in there?
- · there's meaning in there?



- · What is a "word"?
- · What do words look like?

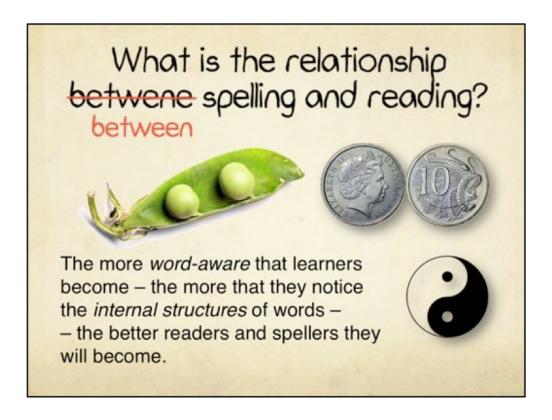
words need really close visual scrutiny

Learners need to know more about WORDS – just as they do about SENTENCES, PARAGRAPHS and ESSAYS.

Too often, they are trivialised – or just 'set' as spelling lists.

They are vitally important in themselves.

Spelling - too often relegated to mere testing.



They are – two sides of a coin, two peas in a pod, Yin and Yang.

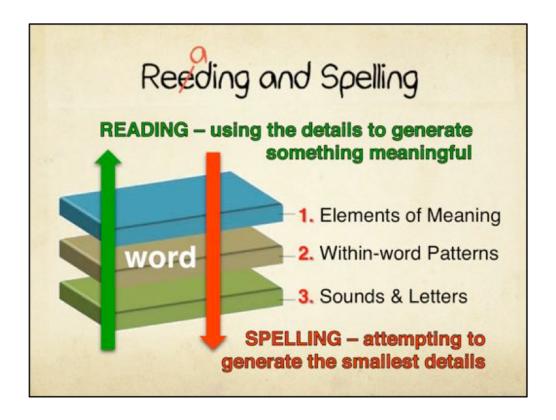
In EAL/D, it is vital that we stop – and look really closely – inside words – at their INTERNAL STRUCTURES.

We may be inclined to focus more on the SENTENCE-level of language, but a closer focus on WORDS and their INTERNAL PATTERNS will mitigate against our students' tendencies to operate visually. EAL/D learners may "skate lightly" over individual words as they search for MEANING.

This is particularly the case for Chinese-background learners, where VISUAL learning is dominant.

VISUAL FAMILIARITY might assist in READING – but – SPELLING requires the student to REPRODUCE the words accurately.

What are the differences between READING and SPELLING? WHICH IS HARDER?



Reading is easier than spelling. WHY?

READING involves making MEANING, and is more "broad brush". SPELLING involves the reproduction of EXACT, FINE DETAILS.

In this presentation, I will look at THREE LEVELS of patterning within words.

In READING, these all add up to meaning.

In SPELLING, we have to "drill down" from meaning (or no obvious meaning) and recreate the smallest details – with meaning as just ONE of many possible clues.

Looking inside words -What do we know? Word-building units in the word staircase staircase morphemes stair case syllables (2) stair case onsets and rimes st--air C--ase phonemes (6) 11 /air/ /k/ /a-e/ (split vowel (diphthong) (consonant) (consonant (consonant) blend) digraph) = smallest units of meaning

Morphemes Phonemes = smallest units of sound

Syllables = "beats" = mouth openings - they always contain a vowel sound Onsets and rimes = sound/spelling patterns at the beginning and ending of syllables

These are the TARGET ELEMENTS that we want our learners to be able to extract from words. (TERMINOLOGY review.)

They should be able to

word

- (1) COUNT SYLLABLES
- (2) PULL SYLLABLES APART INTO ONSETS AND RIMES
- (3) "SEGMENT"/IDENTIFY THE INDIVIDUAL SOUNDS

Identifying SYLLABLES is the first stage of Phonemic Awareness. (This is an AURAL SKILL, in the ABSENCE of print.)

Once learners can SEPARATE and examine the internal makeup of syllables – they are well on their way to being able to read - and ultimately, to spell.

Pauline Bunce 2016 15

1. Finding elements of meaning - morphology -

- · Grammatical endings
- Prefixes
- Suffixes
- · Common root-words
- Word families/related words



* Explore any obviously meaningful aspects of words.

If you ever watch SPELLING BEE contestants – they will often ask for the (1) meaning and (2) the "etymology" or ORIGIN of the words that they need to spell. There is no way that anyone can pre-learn all of the words that they may encounter.

Knowing some "Root words" can be very helpful in spelling.

Knowing one word can provide the KEY to many more STRUCTURALLY RELATED words.

Few words are "one offs" – most have relatives.

Morphemes - meaningful elements of words

One morpheme: true (1 syllable),

desire (2 syllables)

crocodile (3 syllables)

Two morphemes: true + th, desire + able

Three morphemes: true + th + full

desire + able + ity

Four morphemes: un + desire + able + ity

Five morphemes: un + true + th + full + ly

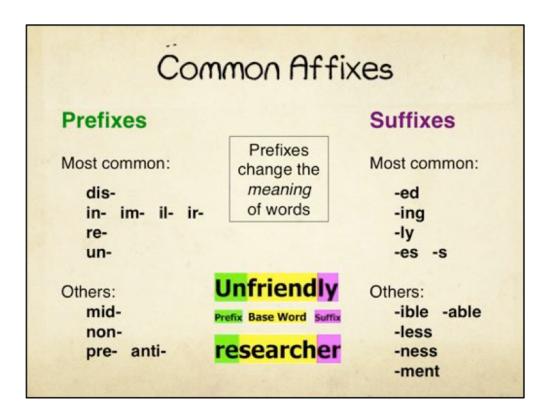
What are MORPHEMES – they are parts of words – but NOT syllables.

A whole word, such as crocodile, can be a MORPHEME.

MORPHEMES are units of MEANING.

Words are built of sounds – YES – But – they are often built of meaningful parts. Some words lend themselves to SOUND APPROACHES – some to MEANING APPROACHES – some to pure PATTERNS.

Adoniou: Sound alone is not enough.

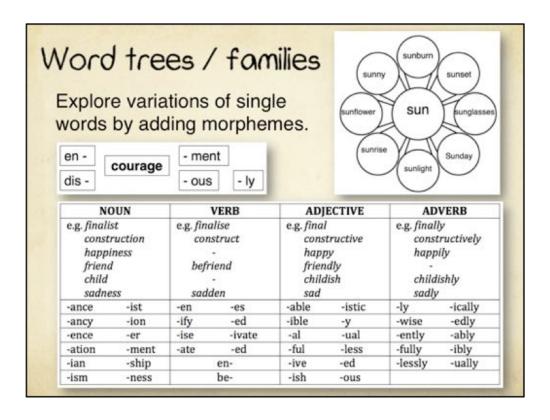


Apparently, the two sets of common Prefixes and Suffixes on this slide can account for 97% of affixed words in "printed school English" up until 8th Grade.**

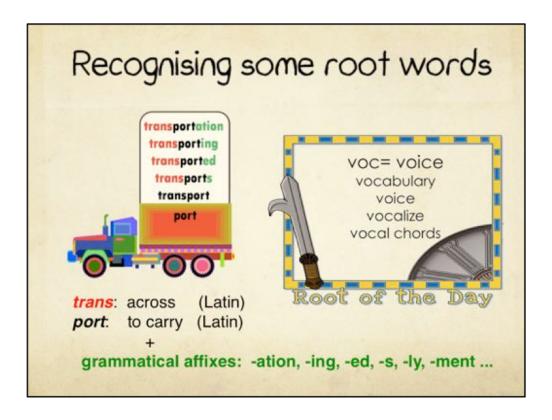
Most SUFFIXES are grammatical in nature. Most PREFIXES have a profound effect on meaning.

Many Chinese learners of English have NOT had the nature and function of AFFIXES pointed out to them, in their prior learning.

^{**}SOURCE: Honig, Bill, Linda Diamond, and Linda Gutlohn (2000). *Teaching Reading Sourcebook: For Kindergarten Through Eighth Grade*. Novato, CA: CORE Academic Therapy Publications.



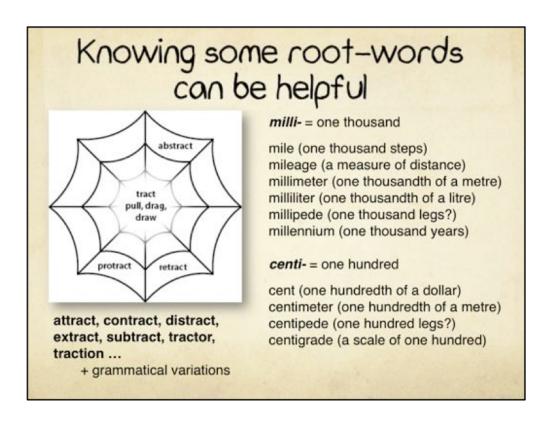
- 1. SUN words most are COMPOUND WORDS.
- 2. NOUNS e.g. COURAGE can often take Prefixes and Suffixes. ('coeur' = heart in French)
- 3. GRAMMATICAL SUFFIXES change the PART OF SPEECH of words. Explore all the grammatical forms of any words that you are scrutinising closely.



Explore Common Root words.

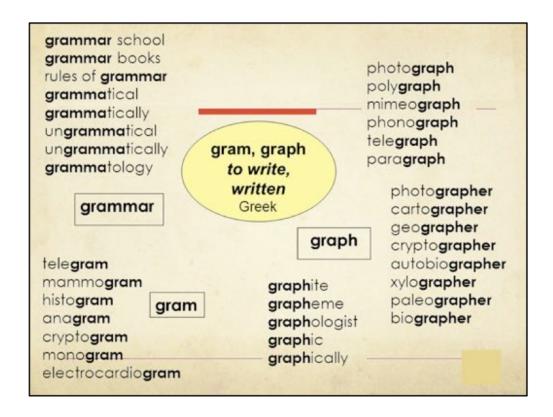
LISTS abound online.

CHOOSE one and 'brainstorm' words that contain it.

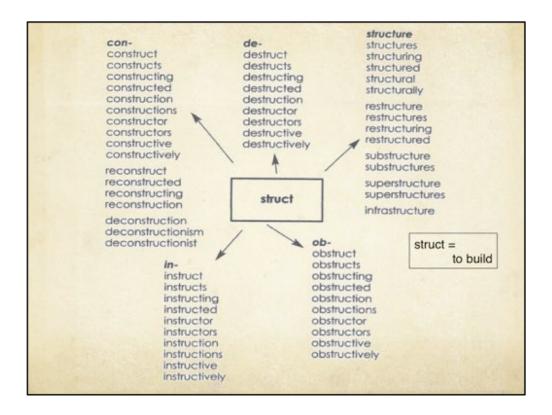


Root Words are very common in SCIENCE, MATHEMATICS and MEDICINE.

milli / centi = Greek tract = Latin

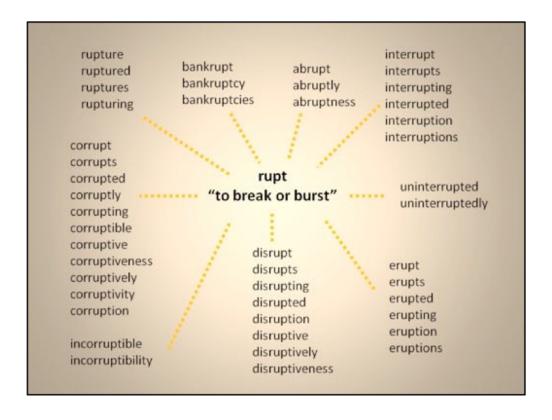


Susan Ebbers 2005 https://rtibestpracticesinstitute.wikispaces.com/file/view/ Morphological_Awareness.pdf GREEK



Source unknown. Blevins?

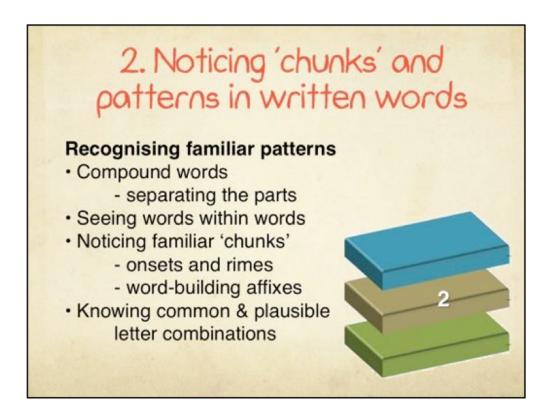
6/11/16



LATIN

SOURCE: https://www.kiasuparents.com/kiasu/forum/viewtopic.php?

f=27&t=20447&start=1900



As students become more and more familiar with PRINTED ENGLISH, frequently draw their attention to WITHIN WORD patterns – vowel patterns, consonant patterns, compound words, words within words.

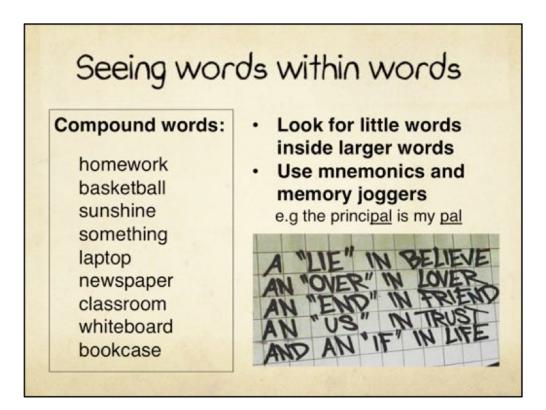
We need to establish a habit of LOOKING INSIDE words as often as we can (without breaking the 'spell' of a story).

At any convenient 'breathing points' in working with a text, return to some key words in the text and open them up to scrutiny.

The more we spend time at word-level, the more observant our students will become.

One of my Chinese students in HK said that "words were small, insignificant things to be memorised" – she could not have been further from the truth.

Chinese students DO learn a great deal by memorisation - but - even this will be helped by providing insights into (and a focus on) the STRUCTURE of words and their connections to SOUND.



Mnemonics and memory tricks – can help when remembering our own 'demon words'

IMAGE: a 'pop up' from: www.memepile.com



Morphological Awareness – adding –**ful** and **-less**Video from:
http://www.teachingacenglish.edu.au/explicit-teaching/spelling/explicit-teaching-spelling-year-4.html

Australian Curriculum – Teaching AC English

CHARLTON		
ct. Kingsley	186	N16
pl. Thornlie		
rd. Kewdale		
wy. Bertram	428	D12
CHARLWOOD		
wy. Morfey	229	F14
CHARM		
wy. Atwell	388	L1
CHARNLEY		
bnd, Hammond Pk	388	E
bnd. Success	388	E
bnd. Success	388	E
d. Gosnells	351	NE
gdn. Burswood		
gdn. Waikiki	466	F10
lk. Wanneroo		
CHARNWOOD		
av. Two Rocks	31	K
pl. Two Rocks	31	Li
st. Morley	249	L
CHARGO AIC		
ct. Oakford	411	H15
trl. Lr Chittering	53	H10
CHARON		
pl. Craigle	186	E
rd. Falcon	543	K!
CHARONIA		
rd. Mullaloo	165	MI
CHARRA		
lk. Clarkson	125	F10
CHARRINGTON		
ct. Leeming	348	G
CHARSLEY		
cr. Marmion	205	013
st. Willagee	327	G
CHARTHOUSE	- de	-
rd. Safety Bay	466	1 50
rd. Waikiki	465	MISS
		1911
bnd. Hocking	***	CARRO
ond. Hocking	167	1111
pl. Leeming	348	Pili
wy. Swan View	233	H1

"Chunking": where reading and spelling meet

"Chunking" is an essential skill in both reading and spelling – especially when meaning may be elusive or absent –

e.g. street/suburb names.

- Work with students' suburb and street names
- · Count syllables
- · Look for spelling/sound 'chunks'
- Find within-word patterns of vowels and consonants and words-within-words

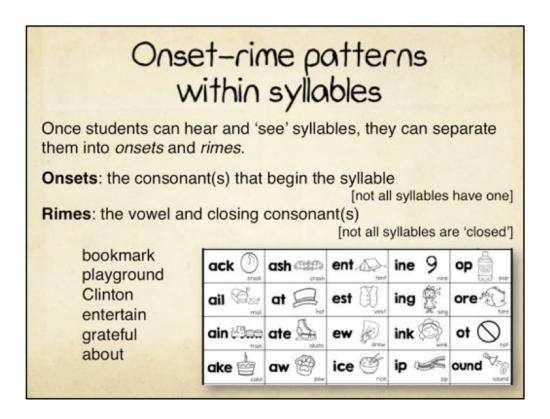
This may not work for everyone, but WORD RESEARCH on UNKNOWN words (in the TOTAL ABSENCE of dictionaries, translation and meaning) can be a confidence booster for many students. They can "own" a word by being able to open it up to scrutiny.

PROPER NOUNS, SUBURB NAMES, STREET NAMES.

It is hard to say whether such activities are working on students' READING or SPELLING, because BOTH are involved when we work with UNKNOWN words.

There are MANY words that are devoid of DIRECT MEANING to students – street names, business names, place names – many of which derive from surnames, or in the case of businesses, they may be invented words / acronyms / combinations of word elements. THESE WORDS STILL NEED TO BE DEALT WITH IN DAILY LIFE.

This is just PLAYING AROUND WITH WORDS – not being daunted or afraid of any of them. "I can see how you work".



This 'Common Rimes Chart' is available at: http://thisreadingmama.com/wp-content/uploads/2016/01/CommonRimesChart.pdf. It has 55 rimes, from which over 500 real words can be made – and countless "nonsense" words. It is reassuring for many students to see that – once they can isolate SYLLABLES – there are some quite common patterns WITHIN THEM.

* Some SYLLABLES are open-ended (they finish with a vowel sound), some are closed (they finish with a consonant sound).

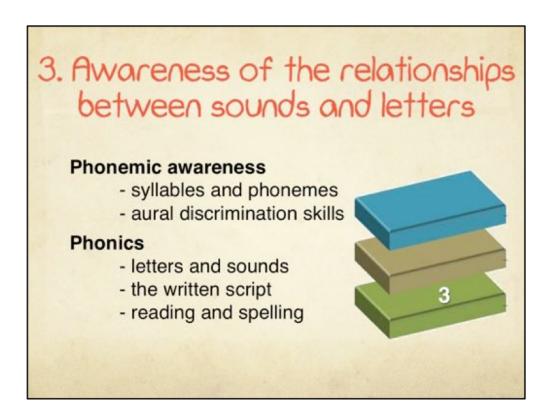
In many Asian languages – Syllables are open-ended.

* Some syllables do not have an ONSET CONSONANT, e.g. in the word 'about'. The / uh/ stands alone as the first syllable.

Words that share the same 'rime' are sometimes called 'PHONOGRAMS'. These words lend themselves to WORD SORTING activities ("making families" of words). ACTIVITY: Always begin by counting/identifying the SYLLABLES – then – look separately at each syllable's internal pattern.

How does the syllable begin? What is the "open mouth" sound in the middle? How does the syllable end?

Despite years of effort, I have found it hard to go beyond the syllable-level with many Chinese-background students. The syllable is the level at which the Chinese languages operate, and individual phonemes are difficult for them to discern. Onsetrime success is hugely valuable for all READERS of English. Unfortunately, SPELLING requires going deeper, and getting down to the VOWEL SOUNDS and LETTERS.



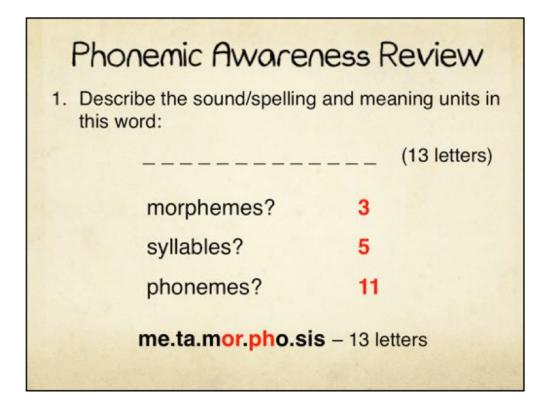
These skills underlie ALL of English language acquisition. They are the best predictors of future literacy success. SPELLING asks learners to REPRODUCE these details.

LEVEL 1: Students need to be fully competent at this level of written English. They need to be able to "tune in" to the smallest sounds in words – and to know the SPELLING ALTERNATIVES at work in producing those sounds.

This is the hardest level, as English VOWEL SOUNDS, in particular, can have a wide range of spelling possibilities.

If students can APPROXIMATE these vowel sounds, even with incorrect spelling choices, they are well on their way.

Gradually, through frequent exposure, they will learn to recognise words and common spelling patterns – and make them "look right" – just as L1 spellers do.



Phonemic Awareness is AURAL – it is a LISTENING skill. Work on it in the ABSENCE of print.

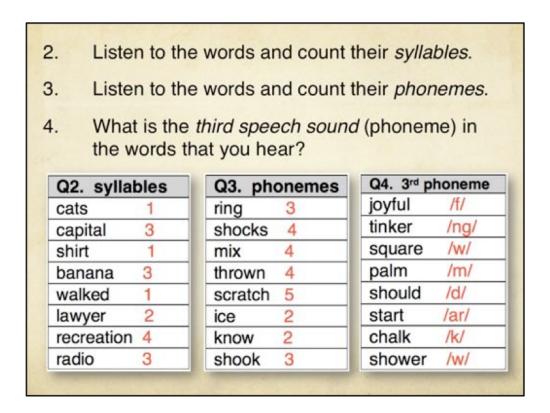
word = **metamorphosis**.

meta- = change, beyond; **morph** = shape, form; **-osis** = state, process, condition. = the state or condition of changing form – or going "beyond one's shape" into another.

POP-UPS – 1. the RED numbers – revealed first.

2. the word, including 2 DIGRAPHS (vowel digraph 'or' and consonant digraph 'ph') – is revealed later.

^{*}GROUP DISCUSSION TIME – wait – then, reveal the answers.



LISTENING ONLY. NO WORDS IN VIEW. Present words singly - ORALLY – in sentences, if requested / if there's puzzlement.

Suggest that people jot the words down on paper, if they'd like to.

- Q 2: SYLLABLES: cats, capital, shirt, banana, walked, lawyer, recreation, radio. POP-UP REVEAL first list.
- Q 3: PHONEMES ring, shocks, mix, thrown, scratch, ice, know, shook.

 REVEAL second list.
- Q 4: 3rd PHONEME joyful, tinker, square, palm, should, start, chalk, shower. REVEAL the third list.

Look again at the final lists – what were the challenges? How did people go? Common errors?

	Phone	nics Re eme m		
1. Which	word on ea	ach line h	as the sa	me sound?
pu <u>sh</u>	although	sugar	duty	pump
w <u>eigh</u>	pie	height	raid	friend
doe <u>s</u>	miss	nose	votes	rice
intend	this	whistle	batch	baked
ri <u>ng</u>	sink	handle	signal	pinpoint

PHONICS introduces LETTERS / the printed word.

NO POP-UP here. Group discussion.

Answers - push – sugar

weigh – raid does – nose intend – baked ring – sink

How did you go? In this form, this is a READING activity.

Sometimes the SPELLING is almost a distraction when we are reading aloud – but – in SPELLING we need to reproduce the letters!

So – CONTEXT is vital in a Spelling Test – e.g. baked.

This is why we should always present spelling words in a simple sentence, so that the grammatical/thematic elements are clear.

church	shrink	numb	thigh	split
whether	nimble	dolphin	text	sphere
ghost	tough	quick	hammer	knight
church	shrink	numb	thigh	split
whether	nimble	dolphin	text	sphere
ghost	tough	quick	hammer	knight

POP-UP: The BLUE section in the second table.

DIGRAPH – the word itself says it: 'di' = 2 and 'graph' = letter. TWO LETTERS - MAKING ONE SOUND.

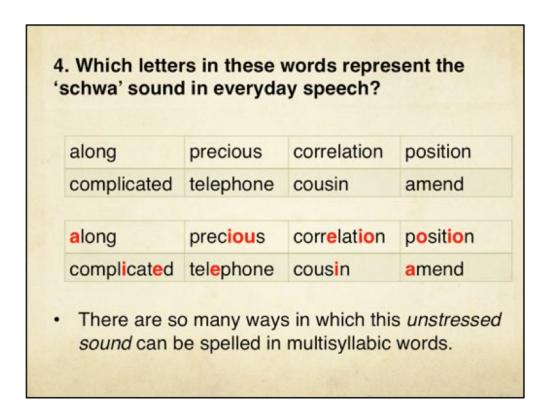
climb	autumn	napkin	shepherd	drop
knight	cloak	squished	spring	burst
wreck	twang	grow	first	trick
climb	autumn	napkin	shepherd	drop
knight	cloak	squished	spring	burst
wreck	twang	grow	first	trick

POP-UP: The RED section in the second table.

There are several kinds of CONSONANT CLUSTERS – blends (e.g. bl-, -st), digraphs (e.g. –ph-, -ck) and syllable boundaries (e.g. 'pk' in napkin).

A "BLEND" suggests a mixture – a mixture of TWO (or more) SOUNDS.

Just because two (or more) consonant letters stand beside each other, this does not make them a CONSONANT BLEND – a blend is a common pairing that is found at the opening and/or closing of a syllable. Both sounds are audible. Several are paired with 'l', 'r' as the second letter, and many begin with 's'.



POP-UP: the **second table** will be revealed AFTER group discussion of the answers. We need to SAY the word, to be sure of our answers.

The 'schwa' is the **vowel sound** in the **UNstressed** syllable in multisyllabic words. Almost ALL "big words" have a schwa sound – sometimes more than one.

The schwa is pronounced **/uh/**, and it is the most common sound in the English language. It is a VOWEL SOUND.

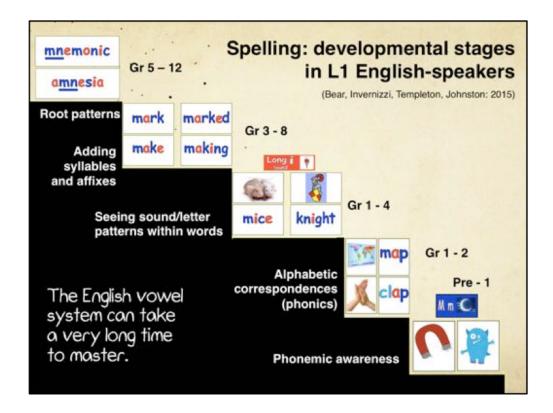
It's spelling will depend on the nature of THAT PARTICULAR syllable. There is NO set spelling for this sound.

How did people go? The next slide features a Spelling Bee champion who describes her frustration with the schwa.



Spelling Bee Tips and Tricks video: https://www.youtube.com/watch?v=Rt9ImTrTlvE

Frustration with the SCHWA.



These five stages (Bear et al.) apply to L1 English-speakers.

The "Words their Way" programme is based on these five stages, and they have a huge range of resources to address each one.

They call them:

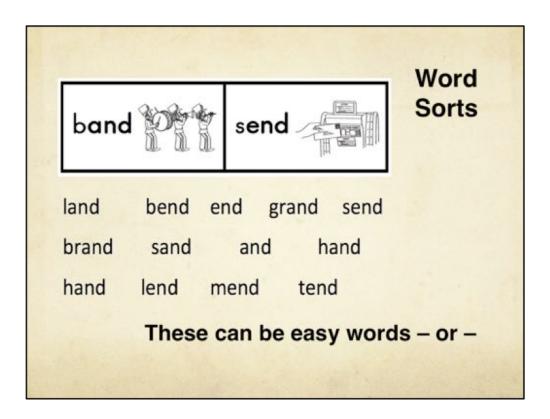
- 1. Emergent stage
- 2. Letter Name-Alphabetic stage (Beginners)
- 3. Within-Word Pattern stage (Transitional learners)
- 4. Syllables and Affixes stage (Intermediate readers and writers)
- 5. Derivational Relations stage (Advanced readers and writers)

In this presentation, I have reduced these to three levels of word-analysis.

EAL/D learners are learning everything at once – • vocabulary • reading • spelling • writing •

Developmental stages are less relevant. Less clear-cut. Analysis is preferable to testing.

TEST IF YOU MUST – BUT – ANALYSE MORE.



Example of a simple sort.

Project it – students use **mini-whiteboards** to 'classify' the words.

No need to print screeds of paper - only to have students cut them out - then discard all the little pieces.

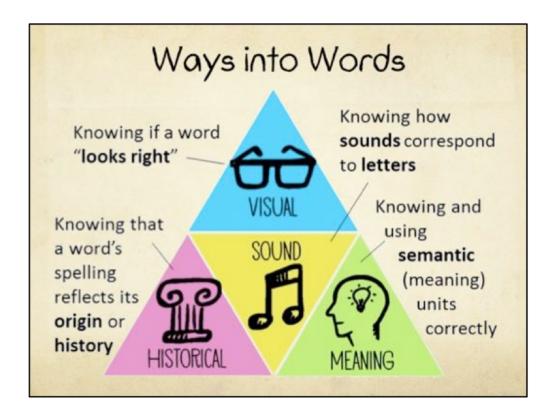
in-	un-	dis-	
mis-	Out of Sorts		
		r	words with
uneasy	insincere	dishonest	prefixes
misspell	unaware	informal	
disbelief	misfortune	unknown	
infrequent	disorder	mistake	
undress	inhuman	disconnect	or
misleading	unfasten	inexpensive	
disease	mischief	untidy	
insane	disrespect	discourage	

Mini whiteboards - ideal.

root words	vis	aud	dic
There's no need to p	vision	audible	dictate
these out on paper – project sets of wor	audition	contradict	visible
onto a screen and a	invisible	auditorium	vista
students to classify the on mini-whiteboard	prediction	unpredictable	revisit
	dictator	supervisor	dictionary
(where their errors a more temporary)	auditory	audiovisual	edict
There are a lot of Wo	audience	audiotape	laudable
Sorts available onlin		laudable	visitor

 $SOURCE: http://mrsbarrett4.weebly.com/uploads/3/0/8/3/30839349/\\ all_derivational_sorts.pdf$

[Many sources online.]



SOURCE: SOURCE: http://www.theclassroomkey.com/2016/05/really-know-spelling.html

A terrific graphic – worth putting on the classroom wall.

Student spelling errors	Is it phonologically possible?	Awareness of morphemes?	Are letter- patterns possible?	Analysis
rilly really	yes	1 / 2 -ly only [base = real]	yes Knows -Ily pattern	Based on word real. Related words: reality, realise
muic music	possibly	1 / 2 -ic only	possibly	Visual memory reliance.
chidrns children	first syllable – yes second - no	1 / 2 -s added incorrectly	2 nd syllable is not possible	Pronunc. errors? Visual memory reliance Morphol. challenges

ANALYSING STUDENT ERRORS (Adoniou 2015)

First example is from Misty's book. The others are mine. Her chapter on assessment and error analysis is excellent.

Spelling: Testing or Teaching?

Testing Spelling

- often thematic= a 'mixed bag' of words
- memory reliant
- · focus on letter-sequences
- · visual features
- building vocabulary

Teaching Spelling

- analytic, investigative
 looking for patterns
- structurally related words
- · focus on word-units
- · meaningful features
- · building vocabulary

Perhaps - we need <u>both</u> - because we remember what we've thought about.



POP-UP - The textbox

These two are not in conflict – but they do need to work TOGETHER. Can we set more RELATED words? Can we take some of the pressure out of the TEST, and turn it into something less JUDGMENTAL?

WORD SEARCHES – are of minimal help in spelling – Why?

[The focus on particular spelling combinations is so short-lived (and probably random) in the desire to complete the puzzle.]

CROSSWORDS – common spelling combinations can be of great assistance in completing words, e.g. 's' as a second-last letter could be part of a CONSONANT BLEND.

Prefixes and suffixes can sometimes be seen. Impossible spelling combinations can be avoided. Meanings are provided – and thought about – and returned to, often.

Working differently with Word Lists - play with them

Vocab. List (28)

head shoulder elbow body wrist hair hand eye eyebrow finger stomach nose cheek leg mouth knee ankle lip teeth foot chin toe neck back backbone chest skin

arm

Looking at these words - just as words how can they be 'sorted' in different ways?

- by length
- alphabetically
- by number of syllables
- as single words/compounds
- by vowel patterns
- by consonant patterns

Such activities force learners to look for patterns inside words.

Occasionally explore key words in depth.

IF YOU CAN'T ABANDON SPELLING TESTS - THEN GET MORE MILEAGE OUT OF THEM!

How might you approach your next VOCAB. LIST differently? Try WORD SORTING – by placing words onto cards – and looking INSIDE them as just WORDS.

[These words are "old Anglo-Saxon words", and many are probably "sight words" but even so-called sight words can be examined closely.]

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POP-UP: the red arrow

CLIPPED FROM YouTube: "Word Study in Action: Spelling Patterns" at: https://www.youtube.com/watch?v=rpoMk-Ncv8o

What kind of mistake has she made? It's the SCHWA sound in 'consonant'. It is an 'o' because of the Root Word 'son', meaning 'sound'.

MOATS:

36% of words can be predicted with one vowel error 10% can be explained by word origin

Referenses



Adoniou, M. (2016). Spell it Out: How words work and how to teach them. Cambridge Univ. Press.

Bear D.R., Invernizzi M., Templeton S.& Johnston F. (2015). Words Their Way: With English Learners. Boston: Pearson.

Blevins, W. (2001). Teaching Phonics and Word Study in the Intermediate Grades. New York: Scholastic.

Herrington, M. (2016). *Spell for Meaning*. Available at: www.spellformeaning.com.au.

Moats, L. (2000). Speech to Print. Baltimore: Paul H. Brookes.

ADONIOU - a must.

BLEVINS, in particular, is a "goldmine" of word lists and examples.

MOATS is a real luminary in reading and spelling.

See her on the huge "Children of the Code" (www.childrenofthecode.org) website. "Words Their Way" is now a commercial, Pearson-owned enterprise. Many of their SORTS are available online free, however.

Their stages and approaches are very 'Western" – even their ELL version of the book – is geared towards Hispanic-background learners of English.



Thanks.

Full speaker's notes are available at:

Alphabet Headaches:

www.alphabetheadaches.com

Eventually.

