

Spelling and the Brain



July 17, 2017

YouTube Video

<https://www.youtube.com/watch?v=s0YjAN-UbCY>

Handout

http://iew.com/sites/default/files/audiotalk/fileattachment/Spelling_and_the_Brain_Handout.pdf



Welcome!

A few instructions for those new to an IEW webinar

- Q&A box:
 - Only I and a few staff members will see what you type.
 - I'll answer as I'm able.
- Chat box:
 - All can see your comments.
 - Use this area to "pass notes in class."
 - I'll pretty much ignore this area, but our staff will monitor and repost to me if deemed necessary.
- Links on the slides and in the chatbox are "live."
- If you can't hear, try exiting and returning.
- Don't worry, we can't hear or see you.
- Yes, this webinar will be recorded, and you will receive an email with information on how to access this recording.



What is Spelling?

Spelling is
~~diffecolt~~
~~challageng~~
hard.



Spelling is...

...the correct retrieval of sequentially stored, virtually random bits of information.



When you see a word...

special

...you see it all at once.



Have you seen this in your child's spelling?

gril

baer

thier



**Visual input is global,
simultaneous.**



Auditory input is sequential.



Spelling is a sequential activity; therefore,
auditory input may be more effective for
many children.



Phonics for Encoding vs. Phonics for Decoding

ee ur ow
wh y au

Organized by category

- phonetic groupings
- memory devices



How the brain stores information

Three variables:

1. frequency (repetition)
2. intensity
3. duration




Shutterstock






Two approaches to teaching spelling

Workbook



Get Active!
Circle the correct spelling.

1. slide	slihde	slede	sliede
2. pases	pass	pahss	paess
3. ruen	ruhn	roun	run
4. set	seht	seet	sefe
5. stope	stohp	stoep	stop
6. skep	skihp	skip	sklep
7. switch	swietch	switech	switc
8. crawl	crawel	craw	crahwl
9. bounce	boeunce	bounece	bounce
10. roll	rol	rolel	roell
11. throhw	throw	htrow	throew
12. joeg	jog	johg	joge
13. tunr	turen	toorn	turn
14. shoot	hsoot	shooh	shooot



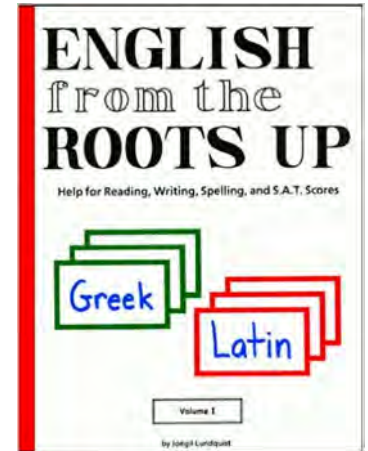
Spelling Bee



Critical for excellent spelling:

Greek & Latin word roots:

1. *English from the Roots Up*
2. "Rummy Roots" (card game)
3. Memoria Press

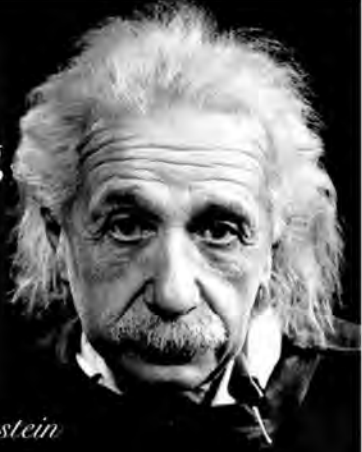


If you're having success in spelling, don't change a thing.

If your children *aren't* having success in the method you are using, don't keep doing that.

Insanity:
doing the same thing
over and over again
and expecting
different results.

- Albert Einstein



**Institute for
Excellence in
Writing**

Listen. Speak. Read. Write. Think!

About IEW's Spelling Program



Institute for
Excellence in
Writing

Listen. Speak. Read. Write. Think!

The Phonetic Zoo

A teacher-guided, phonetically-based audio spelling program.

IEW.com/PZ



The Phonetic Zoo

Includes

- One set of Audio CDs or MP3 download (Levels A, B, or C)
 - One set of large, non-consumable* flashcards
 - One set of small “Zoo” cards (award cards)
 - *Spelling and the Brain* video seminar (link to streaming video)
 - Teacher’s Notes
- *Additional Personal Spelling cards may be required for multiple students.



[Spelling Placement Test](#)



The Phonetic Zoo – How to Use

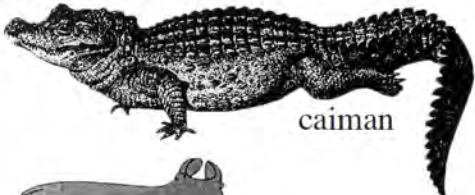
- Additional materials needed:
 - Audio CD or MP3 player with headphones
 - Spelling “notebook”
 - A spiral notebook or composition notebook works well.
 - Buy what’s on sale!
 - Pen or pencil




The Phonetic Zoo – How to Use

1. Watch the "Spelling and the Brain" video.
2. Present the rule to your students using the large lesson card.

Lesson 1



caiman



manta ray

A brain
always
pain

B wailing
decay
sailor

C ailment
portrayal
tailored

Lesson 1:
“ai” and “ay”

Rule, Jingle or Hint:

When *a-i* says *ā*
as in *claim* and *chain*,
It comes in the middle
as in *train* and *pain*.

But when *a-y* says *ā*
as in *jay* and *portray*,
It comes at the end.
See *decay* and *delay*.

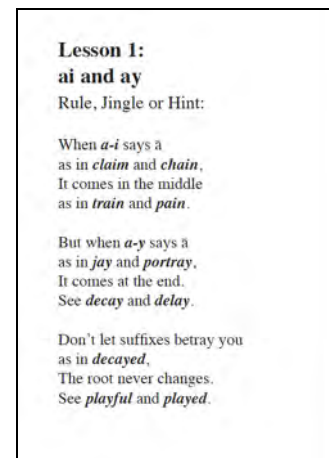
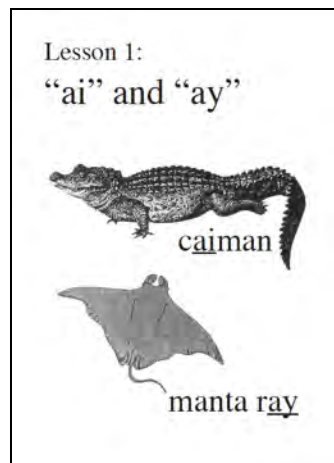
Don't let suffixes betray you
as in *decayed*,
The root never changes.
See *playful* and *played*.

A	B	C
brain	claimed	ailing
played	slain	complainant
chained	strain	plaintiff
railway	Wednesday	ailment
pail	complaining	slay
sailed	mailed	proclaimed
train	hailed	maim
painful	regaining	railway
tray	painter	tailored
paint	restrained	painstakingly
raisin	complaint	rainproof
trailing	delayed	claimant
grain	sailor	faithfully
always	grained	portrayal
contain	decayed	constraint



The Phonetic Zoo – How to Use

1. Watch the "Spelling and the Brain" video.
2. Present the rule to your students using the large lesson card.
3. Give the student the corresponding small zoo card.



4. Provide the child headphones, paper, and pens.



5. The student listens to the introduction on disc one, track one.



6. The student takes the test.

Name: Sally Smith
Lesson # 1 Attempt # 2

1. brain brain
2. played played
3. ~~chained~~ chained
4. railway railway
5. pail pail
6. sailed sailed
7. train train
8. painful painful
9. tray tray
10. point point
11. ~~raisin~~ raisin
12. trailing trailing
13. grain grain
14. always always
15. contain contain

Correct: 13



7. The student makes corrections on the test using the next track.



8a. The student takes the test every day until he achieves 100% two days in a row.



8b. Present the next rule to your students using the large lesson card.

Lesson 2



- A relief
conceive
seize
-
- B grieve
deceive
neither
-
- C hygiene
ceiling
leisure

Lesson 2: The “ie” Rule

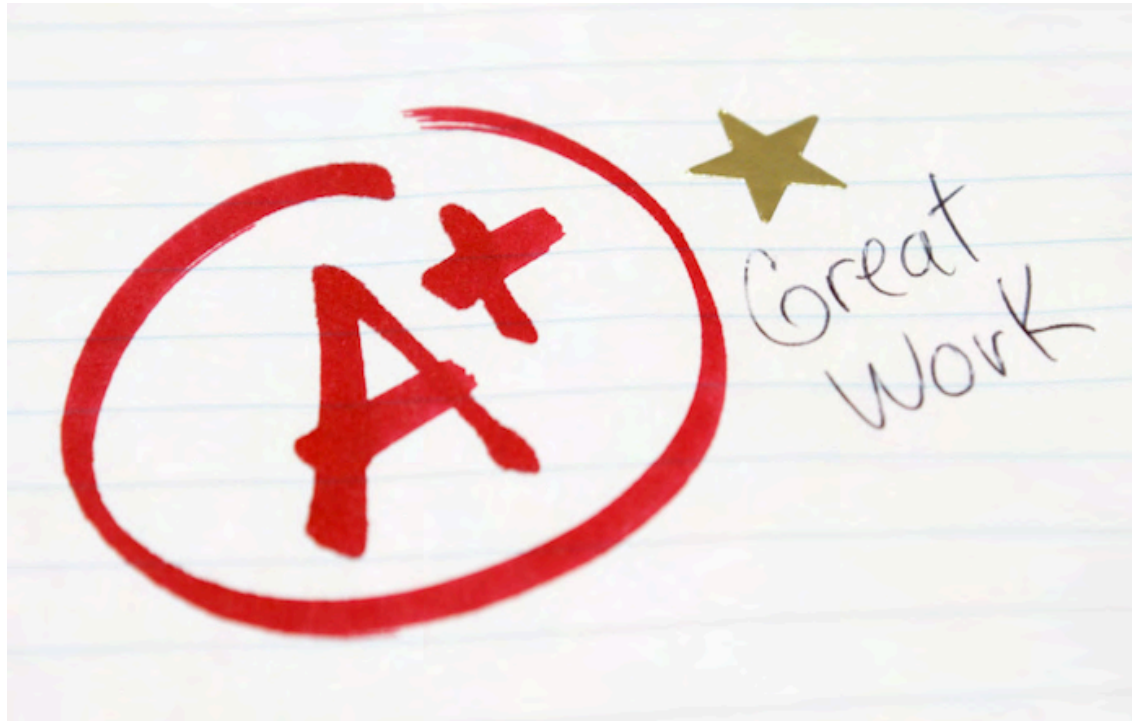
Rule, Jingle or Hint:

When the sound is *ee*, it might be *i* before *e* except after *e* as in *cockatiel*, *grievous*, and *deceit*. Watch the few exceptions.

- | A | B | C |
|-----------|------------|-------------|
| relieve | shriek | seizure |
| belief | relief | piece |
| conceive | seized | ceiling |
| either | grieve | shrieked |
| field | yield | grenadier |
| thief | sieve | hygiene |
| grief | retrieve | conceiving |
| wieners | deceit | leisurely |
| neither | cockatiels | diesel |
| seize | deceived | fiendishly |
| perceived | receipt | retrieval |
| shield | briefly | weird |
| believe | yielding | mischievous |
| being | perceived | liege |
| yield | wielded | deceitful |



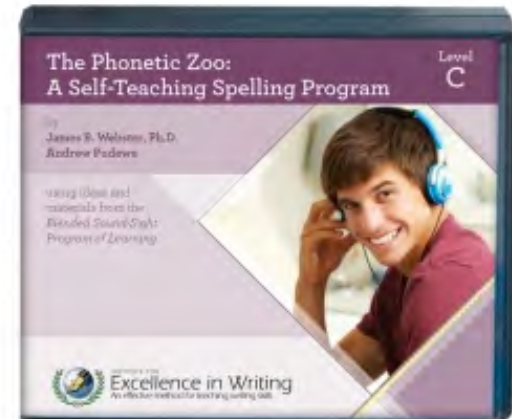
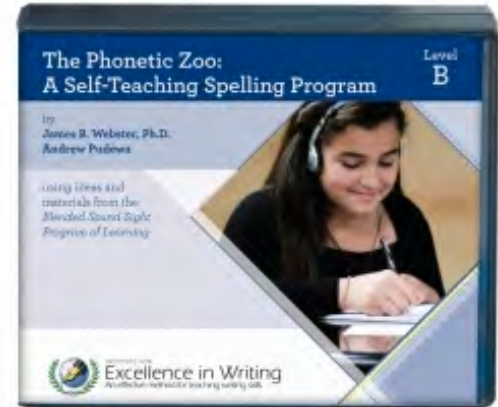
10. The Final Exam



Next Year Option

- Buy more audio CDs (only)*
- Buy the MP3 download (only)*
- Don't buy anything else. You become the speller. (More labor-intensive.)

*your choice



For the younger guys...



The Phonetic Farm



Any questions?



For those who are here tonight!

Spelling Webinar 2017 Drawing

Win a Phonetic Zoo Spelling Starter Set!

One entry per email address.

Drawing ends on July 17 at midnight (CT)

One winner will be selected on July 18.

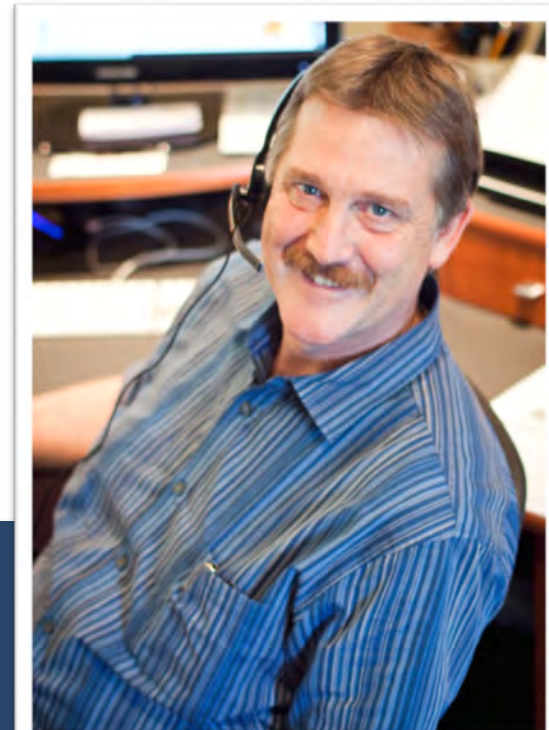


<https://docs.google.com/forms/d/e/1FAIpQLSdSt7v7TDMyfXdezJ-Nf5Hd8eonXKkefHtQbSUrcbPbkhqkqQ/viewform>



Our Next Webinars

- [Aug. 2:](#) "Getting Started!—A Webinar for Hybrid School Teachers and Parents new to the IEW Method"
- Aug. 28: "Units 1 & 2—Starting Strong in September"



Here are some other ways we at IEW can help you:



Listen. Speak. Read. Write. Think!

1. [Podcast](#)
 - IEW.com/podcast
2. [Webinars](#)
 - IEW.com/webinar
3. [Blogs](#)
 - IEW.com/blogs
4. [Forum](#)
 - IEW.com/forum
5. [e-Newsletter](#)
 - IEW.com/e-newsletter
6. [Magnum Opus Magazine](#)
 - MagnumOpusMagazine.com



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