

発音できると聞き取れる MPP 2015/1/20

英語の子音・母音・LINKING(連結)を皆で練習しよう！

Part 1-1:ネイティブなみの発音は案外と習得できるもの

最近5年で約500人:(カルチャー・センター等)発音講座

1 子音・母音を習得→そして音をつなげる 

2 LINKING・連結の習得が美しい発音につながる 

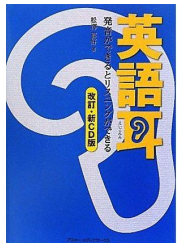
3 強化音→子音4つ [s] [z] [t] [d]

母音1:[æ:] [ə] & [r]

母音2: 6種類の「ア」cat, cot, cut, curt, cart, kind

4 100回ほど集中して発音した人は急激に伸びる
(お勉強ではないのです。スポーツ・トレーニング) Amazing Grace他

5 目安:3か月・音+3か月・連結 (講座は6か月・12回)



[ʃ] [ʒ] [tʃ] [dʒ] [ð] [ŋ] [θ] [ə] [ɑ:] [ʌ] [æ] [ɑ] [æ] [ɔ]

Part 1-2: 子音 consonant [kansənənt]練習方法

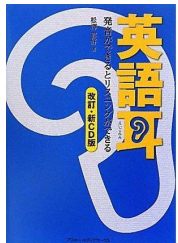
破裂音	くちびる↓	舌・前	舌・奥
無声→	p	t	k
有声	b	d	g
鼻音・有声	m	n	ŋ

pipe, bed, pub (語尾20%)
 take, seat, did
 kick, get, bag
 mine, name, sing
 連結 member, tent, tend

↑9音のマトリックス

摩擦音				
無声	s	ʃ	f	θ
有声	z	ʒ	v	ð

連結 szsz, ʃʒʃʒ, fvfʌ, θðθð
 Ssea, sea, say, this, cease
 zoos, zones, she, push
 vision, fifty five, very
 thin, both, that, little

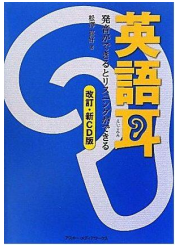


Part 1-3-1: 母音 「ア」系の6つの音、「オ」系3つ

[æ] [ɑ] [ʌ] [ɜ:] [ə] [ɚ] [ɔ] 日本人がネイティブに近づくコツ

「ア」系	1	2	3	4	5	6
	[æ]	[ɑ]	[ʌ]	[ɜ:]	[ɑɜ]	[ai]
[k+	cat	cot	cut	curt	cart	kind
[b+	bat	bot	but	bird	bard	byte
[h+	hat	hot	hut	heard	heart	height

「オ」系	1	2	3
	[ɔ:]	[ou]	[ɔɜ]
[k+	call	coal	cord
[b+	ball	bowl	bored



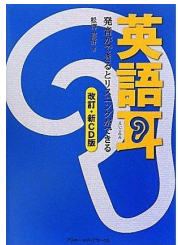
Part 1-3-2: 重要母音 [ɑ:] [ɒ] で見返そう！

[ɑ:] [ɒ]には3つのコツがある

	1	2	3	4	5
1[ɑ:]	first	early	bird	word	world
2[母音ɒ]	air[eə]	hire	poor	fire	our
3[子音ɒ]	kee per	act or	driv er	sola r	tig er



	1	2	3	4
[ɑə]	far	card	darker	start
[ɔə]	for	cord	door	storm



Part 2: 発音診断！

She と sea が区別できるかな？ 速く言えるかな？ (10音/秒)
連結はできているかな？

She sells **seashells** by the **seashore**.

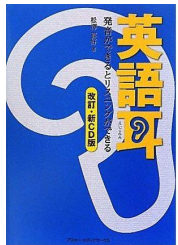
[ʃi: s e l z s i: ʃ e l z b a i ð ə s i: ʃ ɔ ə] (22)

The shells that she sells are **seashells**, I'm sure.

[ð ə ʃ e l z ð ə t ʃ i: s e l z ə ə s i: ʃ e l z a i m ʃ u ə] (29)

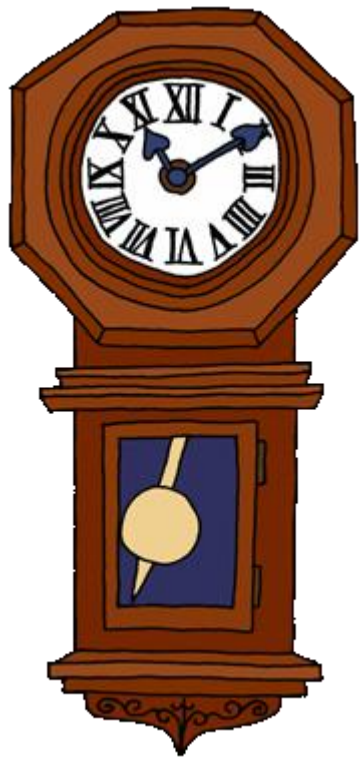
She_sells_seashells_by_the_seashore.

○ X X ○ ○



Part 3: 英文は音をつなげる: 単語の連結

語尾→語頭	語頭・子音	語頭・母音
語尾・子音	1* X	2* △
語尾・母音	3* ○	4* ○



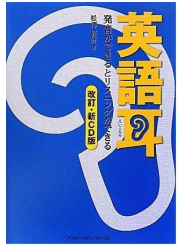
英語の音の連結・LINKINGは表の4通り

1* sells seashells by

2* Take it easy

3* She sells, by the 白い・雲

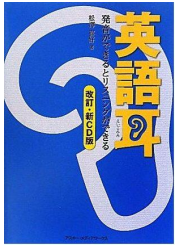
4* She asks 寒い・朝



Part 3-1-1: あいまい母音 [ə]の正体

ぺらぺら化のためには
[ə]schwa(あいまい母音)の発音時間は
1/4にすることが目安

	1	2 [ə]無し
family	[fæm ^ə li]	[fæm li]
company	[kʌmp ^ə ni]	[kʌmp ni]
really	[ri: ^ə li]	[ri: li]
important	[impɔ: ^ə t ^ə nt]	[impɔ:t nt]
permanent	[pə:m ^ə n ^ə nt]	[pə:m nənt]



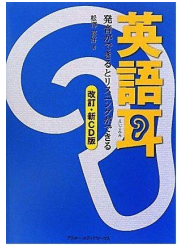
Part 3-1-2: まずは、長い単語を速く発音してみよう

- ① アクセントがある母音をたっぷり・ゆっくり発音
- ② [ə]の発音スピードは4倍程度。(所要時間は1/4)

con·fi·den·ti·a·li·ty	[k`anfədenʃi'æləti]
in·di·vid·u·al·i·ty	[indəvidʒu'æləti]
ex·per·i·men·ta·tion	[iksp`erəment'eifən]
psy·cho·a·nal·y·sis	[s`aikouən'æləsis]
char·ac·ter·is·ti·cal·ly	[k`ærəktər'istikəli]



*[ə]schwa, schwi, schwə

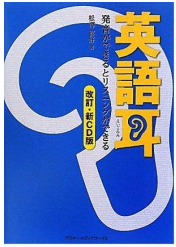


Part 3-2: LINKING・連結 2*△子音＋母音（息を止めない）

語尾/語頭	語頭子音	語頭母音
語尾子音	1* X	2* △
語尾母音	3* ○	4* ○

Take it easy.
Check it out.

[t]: get out of the, not at all	[d]: find out
[s]: in case of, mess around	[z]: his arms, sells are
[p]: keep it,	[b]: a job as a teacher
[k]: look at me,	[g]: a dog and a cat
[n]: turn around, an icy river	[m]: come on
[f]: half an hour	[v]: five hours
[l]: all around, call off	th: with a pen, the path of

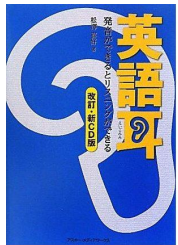


Part 3-3: LINKING・連結 1* X: 子音+子音 (息を止めない)

語尾/語頭	語頭子音	語頭母音
語尾子音	1* X	2* △
語尾母音	3* ○	4* ○

She sells_seashells

	語尾は閉じるだけ、語頭で開く
[t]: that she, I first believed	[t]: that taught, heart to
[d]: did that, lead me	[d]: could do it, good to me
[k]: look for, look back	[k]: rock-climbing
[s]: grace that, precious did	[z]: sells seashells
[l]: small band	[l]: will lead, little lady
[f]: half past five	[v]: have fun, five fifty

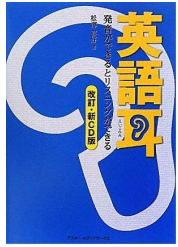


Part 4-1: Amazing Grace 歌詞の一部

語尾/語頭	語頭子音	語頭母音
語尾子音	1* X	2* △
語尾母音	3* ○	4* ○

It_was_grace_that_taught_my heart_to fear,
And_grace_my fears_relieved
How precious_did_that_grace_appear,
The hour I first_believed (1* 語尾[t d s z] 16/16=100%)

Through many dangers_, toils_and_snares_,
I have_already come;
It_is_grace_has_brought_me safe_thus_far,
And_grace_will_lead_me home. (13/16=81%)



Part 4-2: A thousand winds 千の風

Do not_stand_at_my_grave_and weep;

[du nat stænd ət mai greiv ənd wi:p]

I am_not_there, I do not_sleep.

[ai əm nat ðeə, ai du nat sli:p]

I am_a_thousand_winds_that_blow.

[ai əm ə θauznd windz ðæt blou]

I am_the_diamond_glints_on_snow.

[ai əm ðə daiəmænd glintz ɒn snou]

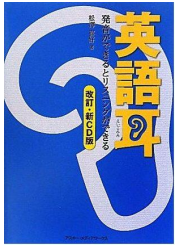
I am the_sunlight_on_ripened_grain.

[ai əm ðə sʌ'nla`it ən raipnd grein]

I am the_gentle_autumn's_rain.

[ai əm ðə dʒentl ɔ:təmz rein]

尾/頭	頭子音	頭母音
尾子	1* X	2* △
尾母	3* ○	4* ○

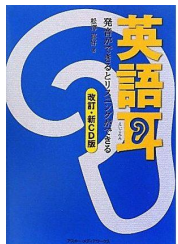


Part 4-3:オバマ就任演説(最後の部分)

In the year_of America's birth, in the coldest_of months, a small band_of patriots huddled by dying campfires_on the shores_of_an_icy river.

Let it be said by our children's children that when we were tested, we refused to let this journey end, that we did_not_turn_back, nor did we falter; and with eyes fixed on the horizon and God's grace upon us, we carried forth that great gift of freedom and_delivered it safely to future generations.

Thank you. God bless you. And God belss the United States of America.



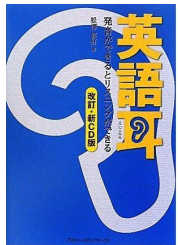
Appendix 1: 語尾の子音 **TOP20** LINKING音には偏りがある

『単語耳』全4巻、8000語の語尾の子音データ解析結果

1 [t] 1181 14.8%	8 [m] 242 3.0%	15 [ʃ] 59
2 [n] 942 11.8%	9 [v] 175 2.2%	16 [g] 46
3 [l] 831 10.4%	10 [p] 159 2.0%	17 [b] 41
4 [s]* 564 7.1%	11 [dʒ] 140 1.8%	18 [θ] 41
5 [d] 463 5.8%	12 [z] 133 1.7%	19 [ð] 5
6 [k] 350 4.4%	13 [f] 70 0.9%	20 [ʒ] 2
7 [ŋ] 245 3.1%	14 [tʃ] 60	合計 5749, 71.9%

TOP 6合計4331, 54% (8000語) **75.3%**(子音5749の割合)

[s][z]は複数形・三単現語尾もあり実際は高頻出。[t][d]も過去・過去分詞で多出。



Appendix 2: 語尾の母音 TOP11

1 [i, i:]	1060	13.2%
2 [ɚ, ɜ:]	833	10.4%
3 [ou]	94	1.2%
4 [ə]	62	0.8%
5 [u, u:]	58	0.7%
6 [ai]	55	0.7%
7 [ei]	47	0.6%
8 [au]	14	
9 [ɔ:]	12	
10 [ɔi]	9	
11 [ɑ]	7	
合計	2251	28.1%

母音TOP 2の1 [i, i:], 2 [ɚ, ɜ:]の合計は1893, 23.7% (8000語対象)
(母音2251に対しては実に84%)

語尾の音種
かなりかた
よっている。



集中練習で
効果がある。

子音・母音総合TOP6

1 [t]	1181	14.8%
2 [i, i:]	1060	13.2%
3 [n]	942	11.8%
4 [ɚ, ɜ:]	833	10.4%
5 [l]	831	10.4%
6 [s]*	564	7.1%

合計 5411, 67.3%

『単語耳』全4巻8000語の語尾の音データ解析