

ESC VIDEO TEACHING SCREENS



- 1 ESC Chart
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- 3 Consonant Blends
- 4 Rhyme Time
- 5 Where's the Keyword?
- 6 Voiced vs Unvoiced
- 7 Moor and Tour
- 8 Sound Check
- 9 Mono and Poly
- 10 "It's Sound 32"

This 17-page pdf document is associated with the ESC VIDEOS 1-4. If necessary, zoom in to enlarge the text. If you are using the video version, pause the video to study any screen.

ESC VIDEO TEACHING SCREENS

(ENGLISH SOUNDS CODE)

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VIDEO TO STUDY
ANY SCREEN**

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TEACHING
SCREENS
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ENGLISH SOUNDS CODE

The numeric code that uses the sound-box numbers on the English Spelling Chart.



4 videos to learn and revise the **44** sound numbers.

ESC VIDEO 1. The Basics.

ESC VIDEO 2. 120 Keywords.

ESC VIDEO 3. 120 Keyspellings.

ESC VIDEO 4. Keyword Sounds.



ESC VIDEO 1
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b	bb	*	c	k	ck	ch	q	*	ch	tch	*	d	dd	*	f	ff	ph	*	g	gg	*	
1	1	1	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	
h	*	j	g	ge	dge	*	l	ll	*	m	mm	mb	*	n	nn	kn	*	ng	n	*		
7	7	8	8	8	8	8	9	9	9	10	10	10	10	11	11	11	11	12	12	12		
p	pp	*	r	rr	wr	*	s	ss	se	ce	*	s	*	sh	ti	ch	*	t	tt	*		
13	13	13	14	14	14	14	15	15	15	15	15	16	16	17	17	17	17	18	18	18		
th	*	th	*	v	ve	*	w	wh	u	*	y	*	z	zz	ze	s	se	*				
19	19	20	20	21	21	21	22	22	22	22	23	23	24	24	24	24	24	24				
a	*	a	a-e	ai	ay	*	air	are	*	ar	a	*	e	ea	*	e	ea	ee	ey	y	*	
25	25	26	26	26	26	26	27	27	27	27	28	28	28	29	29	29	30	30	30	30		
ear	eer	*	er	ar	or	ure	a	e	i	o	u	*	er	ir	or	ur	*					
31	31	31	32	32	32	32	32	32	32	32	32	32	33	33	33	33	33					
i	e	*	i	i-e	igh	y	*	o	a	*	o	oa	o-e	ow	*	oi	oy	*				
34	34	34	35	35	35	35	35	36	36	36	37	37	37	37	38	38	38					
oo	u	*	oo	ew	ue	*	oor	*	or	a	au	aw	oor	*	ow	ou	*	u	o	*		
39	39	39	40	40	40	40	41	41	41	42	42	42	42	42	42	42	43	43	43	44	44	44

V
I
D
E
O
2
1

Practise repeating the soundtrack until, speaking very clearly, you can

1. Look at the **keyword** and say the word.

bird

Both **with** and **without** hearing the soundtrack!

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V
I
D
E
O
3
2

Practise repeating the soundtrack until, speaking very clearly, you can

2. Look at the **keyspelling** and say the letter name/s.

b
1

Both **with** and **without** hearing the soundtrack!

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V
I
D
E
O
3
3

Practise repeating the soundtrack until, speaking very clearly, you can

3. Look at the **keyspelling** and say the sound.

b
1

Both **with** and **without** hearing the soundtrack!

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V
I
D
E
O
3
4

Practise repeating the soundtrack until, speaking very clearly, you can

4. Look at the **keyspellings** and say the sound.

b bb *
1 1 1

Both **with** and **without** hearing the soundtrack!

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V
I
D
E
O
4
5

Practise repeating the soundtrack until, speaking very clearly, you can

5. Look at the **keyword** and say the sounds.

b ir d
1 33 4

Both **with** and **without** hearing the soundtrack!

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TEACHING SCREEN 1. ENGLISH SOUNDS CODE CHART (ESC CHART)

b	bb	*	c	k	ck	ch	q	*	ch	tch	*	d	dd	*	f	ff	ph	*	g	gg	*
1	1	1	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6
h	*	j	g	ge	dge	*	l	ll	*	m	mm	mb	*	n	nn	kn	*	ng	n	*	
7	7	8	8	8	8	8	9	9	9	10	10	10	10	11	11	11	11	12	12	12	
p	pp	*	r	rr	wr	*	s	ss	se	c	ce	*	s	*	sh	ti	ch	*	t	tt	*
13	13	13	14	14	14	14	15	15	15	15	15	15	16	16	17	17	17	17	18	18	18
th	*	th	*	v	ve	*	w	wh	u	*	y	*	z	zz	ze	s	se	*			
19	19	20	20	21	21	21	22	22	22	22	23	23	24	24	24	24	24	24			
a	*	a	a-e	ai	ay	*	air	are	*	ar	a	*	e	ea	*	e	ea	ee	ey	y	*
25	25	26	26	26	26	26	27	27	27	28	28	28	29	29	29	30	30	30	30	30	30
ear	eer	*	er	ar	or	ure	a	e	i	o	u	*	er	ir	or	ur	*				
31	31	31	32	32	32	32	32	32	32	32	32	32	33	33	33	33	33				
i	e	*	i	i-e	igh	y	*	o	a	*	o	oa	o-e	ow	*	oi	oy	*			
34	34	34	35	35	35	35	35	36	36	36	37	37	37	37	37	38	38	38			
oo	u	*	oo	ew	ue	*	oor	*	or	a	au	aw	oor	*	ow	ou	*	u	o	*	
39	39	39	40	40	40	40	41	41	42	42	42	42	42	42	43	43	43	44	44	44	

ENGLISH HAS 44 SOUNDS AND 120 KEYSPELLINGS

60 CONSONANT KEYWORDS AND THEIR SOUND NUMBERS (ROWS C1-4)

b	ir	d	r	a	bb	i	t	c	a	t	k	i	tt	e	n	d	u	ck	s	ch	oo	l	q	u	ee	n	ch	air	w	a	tch	d	o	g	l	a	dd	er	f	i	sh	c	o	ff	ee	d	o	l	ph	i	n	g	a	t	e	e	gg														
1	33	4	14	25	1	34	18	2	25	18	2	34	18	32	11	4	44	2	15	2	40	9	2	22	30	11	3	27	22	36	3	4	36	6	9	25	4	32	5	34	17	2	36	5	30	4	36	9	5	34	11	6	26	18		29	6														
h	a	n	d	j	a	m	g	i	a	n	t	c	a	g	e	b	r	i	d	g	e	l	e	g	b	e	l	l	m	o	u	s	e	h	a	m	m	e	r	l	a	m	b	n	e	t	d	i	n	n	e	r	k	n	e	e	k	i	n	g	i	n	k								
7	25	11	4	8	25	10	8	35	32	11	18	2	26	8	1	14	34	8	9	29	6	1	29	9	10	43	15	7	25	10	32	9	25	10	11	29	18	4	34	11	32	11	30	2	34	12	34	12	2																						
p	a	n	d	a	h	i	p	p	o	r	a	i	n	ch	e	r	r	y	w	r	i	s	t	s	u	n	d	r	e	s	s	h	o	r	s	e	c	i	t	y	i	c	e	t	r	e	a	s	u	r	e	sh	a	r	k	s	t	a	t	i	o	n	t	a	p	l	e	t	t	e	r
13	25	11	4	32	7	34	13	37	14	26	11	3	29	14	30	14	34	15	18	15	44	11	4	14	29	15	7	42	15	15	34	18	30	35	15	18	14	29	16	32	17	28	2	15	18	26	17	32	11	18	25	13	9	29	18	32															
th	u	m	b	f	e	a	t	h	e	r	v	o	i	c	e	s	l	e	e	v	e	w	a	t	e	r	w	h	e	e	l	q	u	i	l	t	y	a	w	n	z	i	p	f	i	z	z	s	n	e	e	z	e	l	a	s	e	r	ch	e	e	s	e								
19	44	10	5	29	20	32	21	38	15	15	9	30	21	22	42	18	32	22	30	9	2	22	34	9	18	23	42	11	24	34	13	5	34	24	15	11	30	24	9	26	24	32	3	30	24																										

60 VOWEL KEYWORDS AND THEIR SOUND NUMBERS (ROWS V1-4)

a	n	t	b	a	b	y	t	a	p	e	s	n	a	i	l	t	r	a	y	h	a	i	r	s	q	u	a	r	e	c	a	r	b	a	n	a	n	a	b	e	d	b	r	e	a	d	m	e	b	e	a	c	h	t	r	e	e	k	e	y	p	o	n	y
25	11	18	1	26	1	30	18	26	13	15	11	26	9	18	14	26	7	27	15	2	22	27	2	28	1	32	11	28	11	32	1	29	4	1	14	29	4	10	30	1	30	3	18	14	30	2	30	13	37	11	30													
ear	d	eer	t	ea	ch	er	c	o	ll	ar	d	o	c	t	o	r	m	ea	s	u	r	e	z	e	b	r	a	g	a	r	d	e	n	f	o	s	s	i	l	l	i	o	n	c	i	r	c	u	s	f	e	r	n	sh	i	r	t	w	o	r	m	f	u	r
31	4	31	18	30	3	32	2	36	9	32	4	36	2	18	32	10	29	16	32	24	29	1	14	32	6	28	4	32	11	5	36	15	32	9	9	35	32	11	15	33	2	32	15	5	33	11	17	33	18	22	33	10	5	33										
t	i	n	r	o	c	k	e	t	t	i	g	e	r	k	i	t	e	l	i	g	h	t	f	l	y	f	r	o	g	s	w	a	n	n	o	s	e	b	o	a	t	n	o	t	e	s	n	o	w	c	o	i	n	t	o	y								
18	34	11	14	36	2	34	18	18	35	6	32	2	35	18	9	35	18	5	9	35	5	14	36	6	15	22	36	11	11	37	24	1	37	18	11	37	18	15	11	37	2	38	11	18	38																			
b	o	o	k	b	u	l	l	m	o	o	n	s	c	r	e	w	g	l	u	e	m	o	o	r	f	o	r	k	b	a	l	l	s	a	u	c	e	s	a	w	d	o	o	r	c	o	w	h	o	u	s	e	b	u	s	g	l	o	v	e				
1	39	2	1	39	9	10	40	11	15	2	14	40	6	9	40	10	41	5	42	2	1	42	9	15	42	15	15	42	4	42	2	43	7	43	15	1	44	15	6	9	44	21																						

TEACHING SCREEN 2. DO YOU AGREE WITH THE SOUNDS AND SPELLINGS?

Do you agree with the sounds and spellings in the 120 keywords above?
If you don't agree, what sound number and/or spelling would YOU use?

Reading Error: wrong sound-box e.g. **watch** (a36 not a25).

Spelling Error: right sound-box e.g. **iz** (s24 not z24).

Accent: different sound-box e.g. **hair** (air27 or air33), **book** (oo39 or oo40) and **ba-na-na** (the 2nd 'a' could be a28 or a25 - and the 1st and 3rd are a32).

Or variant: slightly different sound but in the "Best Fit Box!"

e.g. **air**^r27, **ar**^r28, **ear**^r31, **er**^r32, **er**^r33, **oor**^r42, **or**^r42.



60 CONSONANT KEYWORDS AND THEIR SOUND NUMBERS (ROWS C1-4)

b 1	ir 33	d 4	r 14	a 25	bb 1	it 34	t 18	c 2	a 25	t 18	k 2	i 34	tt 18	e 32	n 11	d 4	u 44	ck 2	s 15	ch 2	oo 40	l 9	q 2	u 22	ee 30	n 11	ch 3	air 27	w 22	a 22	tch 36	d 3	o 4	g 36	l 6	a 9	dd 25	er 4	f 32	i 5	sh 34	c 17	o 2	ff 36	ee 5	d 30	o 4	l 36	ph 9	i 5	n 34	g 11	a 6	t 26	e 18	egg 29	6				
h 7	a 25	n 11	d 4	j 8	a 25	m 10	g 8	i 35	a 32	n 11	t 18	c 2	a 26	g 8	b 1	r 14	i 34	d 8	l 9	e 29	g 6	b 1	e 29	l 9	m 10	o 43	u 15	h 7	a 25	h 7	a 25	m 10	h 7	a 25	m 10	l 9	a 25	m 10	n 11	e 29	t 18	d 4	i 34	n 11	n 32	e 11	r 30	k 11	n 30	e 11	k 2	i 34	n 12	g 34	i 34	n 12	k 2				
p 13	a 25	n 11	d 4	a 32	h 7	i 34	p 13	o 37	r 14	a 26	i 11	ch 3	e 29	r 14	y 30	w 14	r 34	i 15	s 18	s 15	u 15	n 44	d 11	r 4	e 14	s 29	s 15	h 7	o 42	r 15	c 15	i 34	t 18	y 30	i 35	c 15	e 15	t 18	r 14	e 29	a 16	s 32	sh 17	a 17	r 28	k 2	s 15	t 18	a 26	t 17	i 32	o 11	n 32	t 18	a 25	p 13	l 9	e 29	t 18	t 32	e 32
th 19	u 44	m 10	f 5	e 29	a 20	th 32	v 21	o 38	i 15	c 30	e 15	s 15	l 9	e 30	e 21	w 22	a 22	t 42	e 18	r 32	w 22	h 22	e 30	e 9	q 2	u 22	i 34	l 9	t 18	y 23	a 23	w 42	n 11	z 24	i 34	p 13	f 5	i 34	z 24	s 15	n 11	e 30	e 24	l 9	a 26	s 24	e 32	ch 3	e 30	e 24											

60 VOWEL KEYWORDS AND THEIR SOUND NUMBERS (ROWS V1-4)

a 25	n 11	t 18	b 1	a 26	b 1	y 30	t 18	a 26	p 13	e 13	s 15	n 11	a 26	i 9	t 18	r 14	a 26	h 7	a 27	i 15	r 2	u 15	q 2	u 22	a 27	c 2	a 28	b 1	a 1	n 32	a 11	n 28	a 11	b 1	e 1	d 4	b 1	r 14	e 14	a 29	d 4	m 10	e 10	b 1	e 1	a 30	c 3	t 18	r 14	e 18	e 30	k 2	e 2	y 30	p 13	o 13	n 37	y 10		
ear 31	d 4	eer 31	t 18	ea 18	ch 3	er 32	c 2	o 2	ll 36	ar 9	d 2	o 36	c 4	t 36	o 2	r 18	m 10	ea 10	s 29	u 16	z 24	e 29	b 1	r 24	a 29	g 14	a 6	r 28	d 2	e 4	n 4	f 5	o 36	s 15	i 15	l 9	l 9	i 9	o 35	n 32	c 11	i 15	r 33	c 2	u 2	s 15	f 5	e 5	r 33	n 11	sh 17	i 17	r 33	t 18	w 22	o 22	r 22	m 10	f 5	ur 5
t 18	i 18	n 34	r 14	o 14	ck 34	e 18	t 18	i 18	g 18	e 18	k 18	i 2	t 35	e 18	l 9	i 9	gh 9	t 18	f 5	l 5	y 9	f 5	r 5	o 14	g 14	s 15	w 15	a 15	n 22	n 11	o 11	s 11	e 11	n 11	b 1	o 11	a 11	t 11	n 11	o 11	t 11	e 11	s 15	n 11	o 11	c 2	o 2	i 38	n 11	t 18	oy 18									
b 1	o 1	o 1	u 1	ll 39	m 10	o 10	o 10	n 40	s 15	c 15	r 15	e 2	w 14	g 6	l 6	u 9	e 40	m 10	o 10	o 10	r 41	f 5	o 5	r 5	k 5	b 1	a 1	l 1	s 15	a 15	u 15	c 15	s 15	a 15	d 4	o 4	c 2	o 2	h 7	o 7	u 7	s 7	e 15	b 1	u 1	s 1	g 6	l 6	o 6	e 9	44	21								

TEACHING SCREEN 5. WHERE'S THE KEYWORD AND SOUND?

On the **ESC CHART**, box 3, row C1, contains the keyspellings 'c' 'h' and 't' 'c' 'h', which represent the consonant sound /ch/, as heard in the keywords **chair** and **watch**. 4 other keywords contain this same sound - **cherry** (row C3), **cheese** (row C4), **beach** (row V1) and **teacher** (row V2). Where exactly is the sound /ch/ in each keyword? The first sound in a syllable is the Beginning (**B**) and the last is the end (**E**). Any other sounds are in the Middle (**M**). Other abbreviations are: of (**o**), Word (**W**), First (**F**), Second (**S**), Third (**T**), Syllable (**Sy**), Consonant Blend (**CB**) and Rhyme (**R**). Answers: **chair** (**BoW**), **watch** (**EoW/ER**) **cherry** (**BoFSy**), **cheese** (**BoW**), **beach** (**EoW/ER**) and tea-**cher** (**BoSSy**). **If you don't agree with an answer, what would be YOUR answer?** With a partner, choose any of the 44 sounds and see if you agree on the keywords and answers.

TEACHING SCREEN 6.
 'VOICED vs UNVOICED'
 and 'SHORT vs LONG'



15 of the **24** consonant sounds are **voiced** (they vibrate the vocal cords), in **b**ird 1, **d**og 4, **g**ate 6, **j**am 8, **l**eg 9, **m**ouse 10, **n**et 11, **k**ing 12, **r**ain 14, treasure 16, feather 20, **v**oice 21, **w**ater 22, **y**awn 23 and **z**ip 24. The other **9** are **unvoiced**, in **c**at 2, **ch**air 3, **f**ish 5, **h**and 7, **p**anda 13, **s**un 15, **sh**ark 17, **t**ap 18 and **th**umb 19.

b	bb	*	c	k	ck	ch	q	*	ch	tch	*	d	dd	*	f	ff	ph	*	g	gg	*
1	1	1	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6
h	*	j	g	ge	dge	*	l	ll	*	m	mm	mb	*	n	nn	kn	*	ng	n	*	
7	7	8	8	8	8	8	9	9	9	10	10	10	10	11	11	11	11	12	12	12	
p	pp	*	r	rr	wr	*	s	ss	se	c	ce	*	s	*	sh	ti	ch	*	t	tt	*
13	13	13	14	14	14	14	15	15	15	15	15	15	16	16	17	17	17	17	18	18	18
th	*	th	*	v	ve	*	w	wh	u	*	y	*	z	zz	ze	s	se	*			
19	19	20	20	21	21	21	22	22	22	22	23	23	24	24	24	24	24	24			
a	*	a	a-e	ai	ay	*	air	are	*	ar	a	*	e	ea	*	e	ea	ee	ey	y	*
25	25	26	26	26	26	26	27	27	27	28	28	28	29	29	29	30	30	30	30	30	30
ear	eer	*	er	ar	or	ure	a	e	i	o	u	*	er	ir	or	ur	*				
31	31	31	32	32	32	32	32	32	32	32	32	32	33	33	33	33	33				
i	e	*	i	i-e	igh	y	*	o	a	*	o	oa	o-e	ow	*	oi	oy	*			
34	34	34	35	35	35	35	35	36	36	36	37	37	37	37	37	38	38	38			
oo	u	*	oo	ew	ue	*	oor	*	or	a	au	aw	oor	*	ow	ou	*	u	o	*	
39	39	39	40	40	40	40	41	41	42	42	42	42	42	42	43	43	43	44	44	44	

All **20** vowel sounds are **voiced** and are in 2 groups **short** and **long**. There are **7 short vowels**, in **a**nt 25, **e**d 29, **teach**er 32, **t**in 34, **f**rog 36, **bo**ok 39 and **b**us 44. When you say the short vowels, your tongue stays still and the sound is short. There are **13 long vowels**. When you say the long vowels in **c**ar 28, **m**e 30, **sh**irt 33, **m**oon 40 and **f**ork 42, your tongue stays still and the sound is long. When you say the long vowels in **b**aby 26, **h**air 27, **e**ar 31, **t**iger 35, **n**ose 37, **co**in 38, **m**oor 41 and **c**ow 43, the sound is still long **but your tongue moves**, making it sound and feel as if there are 2 sounds **when it counts as only 1**.

TEACHING SCREEN 7. MOOR AND TOUR

To use the chart, you have to understand that each box has **one particular sound**. Even if it is not the sound you would say for one or more of the keyspellings! In this way, each of the **7 short monophthongs, 5 long monophthongs and 8 diphthongs** of English has a 'home'. For example, the vowel 3-1 (**v3-1**) in **moor**, box 41, represents **the diphthong "ooer"**. The vowel 3-1 spellings in **sure** and **tour** could 'live' in box 41 or box 42 (as could **moor** - with **door!**). That is, is the vowel said with or without a movement of the tongue? The same logic applies to the other sound-boxes, spellings and numbers.



tour41ist
tour42ist



20 vowel sounds (all voiced)
20 = 7 short and 13 long
5 long ~ tongue stays still
8 long ~ tongue moves (diphthongs)

A journey for pleasure.

TEACHING SCREEN 8. SOUND CHECK THESE WORDS

Which numbers would YOU use to indicate the sound for the blue and red spellings in the 60 words listed below? Use a forward slash (/) to indicate an alternative sound and a strikethrough (~~32~~) for a sound that might not be said.

1 called 2 castle 3 caught 4 colour 5 cough 6 could 7 eagle 8 earth 9 eight
10 flu 11 four 12 friend 13 fruit 14 ghost 15 great 16 guest 17 gym 18 half 19 heart
20 height 21 here 22 kicked 23 laugh 24 league 25 massage 26 message 27 metre
28 model 29 more 30 mosque 31 one 32 passion 33 pear 34 picture 35 piece
36 plough 37 receive 38 rein 39 restaurant 40 rhino 41 scent 42 six 43 special
44 started 45 story 46 straight 47 taxi 48 their 49 they 50 thorough 51 though
52 through 53 to 54 vision 55 walked 56 were 57 where 58 who 59 xylophone 60 you

1 ed4. 2 st15. 3 augh42. 4 our32. 5 ough36.5. 6 oul39. 7 le32.9. 8 ear33. 9 eigh26.
10 u40. 11 our42. 12 ie29. 13 ui40. 14 gh6. 15 ea26. 16 gu6. 17 y34. 18 al28/25. 19 ear28.
20 eigh35. 21 ere31. 22 ed18. 23 augh28/25.5. 24 gue6. 25 age28.16. 26 age34.8. 27 re32.
28 el32.9. 29 ore42/41. 30 que2. 31 o22.44/39. 32 ssi17. 33 ear27/33. 34 t3. 35 ie30.
36 ough43. 37 ei30. 38 ei26. 39 au32. 40 rh14. 41 sc15. 42 x2.15. 43 cial17.32.9.
44 ed34/32.4. 45 o42. 46 aigh26. 47 i30/34. 48 eir27/33. 49 ey26. 50 ough32. 51 ough37.
52 ough40. 53 o40/32. 54 si16. 55 al42. 56 ere33. 57 ere27/33. 58 wh7. 59 x24. 60 ou40.

In the words 'one' (31) and 'six' (42), the 'o' and 'x' are 1-2 (one letter making two sounds)!

TEACHING SCREEN 9. MONO AND POLY

Words can be broken down into **syllables**, which are **groups of sounds** (or, when written, groups of letters). Each syllable has **one vowel sound** (one vowel spelling). A word with **one hand clap**, such as **bird**, has one vowel sound (one vowel spelling). The word is **monosyllabic**. A word with **two or more hand claps (2+)**, such as **ra-bbit** and **ba-na-na**, has two or more vowel sounds (two or more vowel spellings). These words are **polysyllabic**. People may sometimes disagree on where each syllable starts and/or ends in a polysyllabic word. Choose/agree syllables that **best help people to pronounce the word clearly** (as a teacher or tutor might do if they were teaching a class to say the word aloud while clapping and/or cheering). Do you agree with the syllables in these polysyllabic keywords (30 x poly2 and 1 x poly3)? **If you don't, what syllables would YOU teach people to say and clap? And what would be your consonant blends and rhymes?**

ra-bbit, ki-tten, la-dder, co-ffee, dol-phin, gi-ant, ha-mmer, di-nner, pan-da, hi-ppo, che-rry, ci-ty, trea-sure, sta-tion, le-tter, fea-ther, wa-ter, ba-by, ba-na-na, po-ny, tea-cher, co-llar, doc-tor, mea-sure, ze-bra, gar-den, fo-ssil, li-on, cir-cus, ro-cket, ti-ger.



TEACHING SCREEN 10. "IT'S SOUND 32" - AGIN AND AGIN!

The **short "er" vowel** (the "**unstressed vowel**"), box 32, row V2, can be heard at the beginning, middle and/or end of many syllables. It causes the biggest problem when spelling words. This is because: **(1)** it has **so many different spellings**; **(2)** it is **often hidden** in the middle of syllables (making it very hard to hear); and **(3)** sometimes **people might not say it**, such as in "camra", "chocolate" and "stationry". It can also cause problems **when reading words**, with people **stressing the vowel** so that they pronounce the 'e' in kitten as if it was the 'e' in bed and the 'o' 'r' in doctor as if it was the 'o' 'r' in fork. Sound 32 is hidden in the second syllable of pe-tal, ca-mel, pen-cil, sym-bol, aw-ful and ta-ble (though we do know to clap our hands twice to represent the two vowel sounds). From reading and spelling lots of words, we know that the last two letters have the **same rhyme** (sounds 32 and 9) but different spellings (e.g. al, el, il, ol, ul and le) or know that the last three sounds/letters are **a syllable** (e.g. -tal, -mel, -cil, -bol, -ful and -ble).



ba-sil
len-til
nos-tril
pen-cil
sten-cil
wee-vil

poly2





The 44 numbers can be used to represent the sounds (and any known alternatives) heard in all the words in a **phrase, sentence, paragraph, page or message**. The coding and decoding of numerous words would certainly help learners to become **much more familiar with the numbers and the 44 English sounds that they represent**. For many learners, the coding and decoding of the words would be fun, educative and engaging - most probably through the **exchange of coded messages using paper or phones**.

However, the main purpose of the numbers is to help learners determine the sound or sounds that they hear in a consonant blend, rhyme or syllable, when they first come across a **new word** and don't know how to pronounce (read) and/or spell part (or all) of it! If a letter (or letters) is a non-keyspelling (represented on the chart by the catch-all), the three questions are: 1. Which letter or letters represent the sound? 2. What is the sound number? 3. Would the letter (or letters) be blue or red? That is, is the spelling representing a consonant or vowel sound?

Use the number keys on a mobile phone, tablet or computer

	Use the number keys on a mobile phone, tablet or computer	
	Number in the word	Number after the word
Sound	Lei29cester	Leicester (ei29)
Syllable	L9ei29ces15-ter	Leices-ter (Leices9.29.15)
Consonant Blend	S15q2u22are	Square (Squ15.2.22)
Rhyme	Lei29ces15-ter	Leicester (eices29.15)
All of the Sounds	L9ei29ces15t18er32	Leicester (9.29.15.18.32)
Alternative Sound	Square27/33	Square (are27/33)



EXAMPLE ESC TESTS - Can you work out the sound numbers for the letter/s in these words?

ANIMALS

- 1 camel e?
- 2 cheetah ah?
- 3 fox x?
- 4 giraffe g?
- 5 gorilla a?
- 6 hyena y?
- 7 kangaroo oo?
- 8 lemur ur?
- 9 leopard eo?
- 10 octopus 2nd o?
- 11 parrot o?
- 12 penguin u?
- 13 pheasant ph?
- 14 reindeer ei?
- 15 rhino rh?
- 16 tortoise oi?
- 17 vulture ure?
- 18 warthog ar?
- 19 wasp a?
- 20 wolf o?

BODY PARTS

- 1 ankle le?
- 2 arm ar?
- 3 back ck?
- 4 calf al?
- 5 chin ch?
- 6 elbow ow?
- 7 eye eye?
- 8 face ce?
- 9 finger n?
- 10 foot oo?
- 11 head ea?
- 12 heel ee?
- 13 mouth ou?
- 14 nail ai?
- 15 neck e?
- 16 shoulder ou?
- 17 stomach ch?
- 18 thigh igh?
- 19 throat oa?
- 20 toe oe?

COLOURS

- 1 apricot a?
- 2 beige ge?
- 3 black l?
- 4 blue ue?
- 5 brown ow?
- 6 cyan c?
- 7 green r?
- 8 grey ey?
- 9 magenta g?
- 10 maroon a?
- 11 mint i?
- 12 navy y?
- 13 olive ve?
- 14 orange a?
- 15 pink n?
- 16 purple le?
- 17 red d?
- 18 teal ea?
- 19 white wh?
- 20 yellow ow?

COUNTRIES

- 1 Argentina g?
- 2 Barbados 2nd a?
- 3 Brazil i?
- 4 Egypt y?
- 5 Ethiopia E?
- 6 France ce?
- 7 Germany G?
- 8 Iraq q?
- 9 Italy a?
- 10 Kuwait u?
- 11 Mexico o?
- 12 Nigeria e?
- 13 Pakistan 2nd a?
- 14 Qatar Q?
- 15 Russia ssi?
- 16 Saudi Arabia au?
- 17 South Africa ou?
- 18 Spain ai?
- 19 Turkey ey?
- 20 UAE Emirates E?

NUMBERS

- 1 one o?
- 2 two tw?
- 3 three th?
- 4 four our?
- 5 five ve?
- 6 six x?
- 7 seven 2nd
- 8 eight eigh
- 9 nine ne?
- 10 ten t?
- 11 eleven 1st e?
- 12 twelve tw?
- 13 thirteen ir?
- 14 fourteen ee?
- 15 fifteen 2nd f?
- 16 sixteen s?
- 17 seventeen v?
- 18 eighteen eigh?
- 19 nineteen ne?
- 20 twenty y?

People may sometimes disagree on which letter or letters represent a sound!



Animals: 1 e32, 2 ah32, 3 x2.15, 4 g8, 5 a32, 6 y35, 7 oo40, 8 ur32, 9 eo29, 10 o32, 11 o32, 12 u22, 13 ph5, 14 ei26, 15 rh14, 16 oi 32/38, 17 ure32, 18 ar42, 19 a36, 20 o39. Body Parts: 1 le32, 2 ar28, 3 ck2, 4 al28, 5 ch3, 6 ow37, 7 eye35, 8 ce15, 9 n12, 10 oo39, 11 ea29, 12 ee30, 13 ou43, 14 ai26, 15 e29, 16 ou37, 17 ch2, 18 igh35, 19 oa37, 20 oe37. Colours: 1 a26, 2 ge16, 3 l9, 4 ue40, 5 ow43, 6 cl5, 7 r14, 8 ey26, 9 g8, 10 a32, 11 i34, 12 y30/34, 13 ve21, 14 a34, 15 n12, 16 le32, 17 d4, 18 ea30, 19 wh22, 20 ow37. Countries: 1 g8, 2 a26, 3 i34, 4 y34, 5 E30, 6 ce15, 7 G8, 8 q2, 9 a32, 10 u40/23,40, 11 o37, 12 e31, 13 a25, 14 Q2, 15 ssi17, 16 au43, 17 ou43, 18 ai26, 19 ey30/34, 20 E29. Numbers: 1 o22, 2 tw18, 3 th19, 4 our42, 5 ve21, 6 x2.15, 7 e32, 8 eigh26, 9 ne11, 10 t18, 11 e34/32, 12 tw18, 22, 13 ir33, 14 ee30, 15 f5, 16 s15, 17 v21, 18 eigh26, 19 ne11, 20 y30/34.



MIND'S EYE MEMORY CHALLENGES



to improve the visualisation of letters in words and revise the skills

Practise the memory task for rows C1, C2, C3 and C4, the Consonant Section (all 4 rows together), rows V1, V2, V3 and V4, the Vowel Section (all 4 rows together) and, finally, the Whole Chart (all 8 rows together). Begin each row by saying the name of the row e.g. "C1". Form in the air (trace over or write) and name the letter/s over which you hesitate (and, where appropriate, say the sound or keyword). Tick or shade the button when you/everyone can demonstrate the memory task in sequential order in a clear voice and without undue hesitation.

KEYSPELLINGS CHALLENGE (KSC) - "C1 ~ Bee, Double Bee..."

By visualising/picturing the letters, I CAN/WE CAN, from memory, 'Name the letters in each keyspelling' in rows:

SOUNDS CHALLENGE (SC) - "C1 ~ /b/, /k/, /ch/, /d/, /f/, /g/."

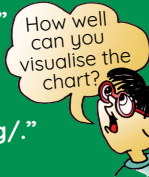
By visualising the keyspellings in their sound-boxes, I CAN/WE CAN, from memory, 'Say each sound' in rows:

KEYWORDS CHALLENGE (KWC) - "C1 ~ bird, rabbit..."

By visualising the keyspellings and their associated keyword: I CAN/WE CAN, from memory, 'Say each keyword' in rows:

SPELLINGS CHALLENGE (SPC) - "C1 ~ bird - Bee, Eye..."






By visualising the keyspellings and their associated keyword: (and all their letters), I CAN/WE CAN, from memory, 'Say each keyword and name each letter' in rows:



KSC SC KWC SPC

C1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<hr/>				
V1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
V2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
V3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
V4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<hr/>				
WC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

To **learn and revise** the sound numbers, watch and listen to **ESC VIDEOS 2-4**. Practise saying the **words, names and sounds**, until you can do so both with and without hearing the soundtrack!

 sun <u> </u>	 dress .. <u> </u>	 horse <u> </u>	 ci-ty <u> </u>	 ice <u> </u>
¹⁵ S	SS	se	c	ce*

Sound-box 15 (box 15) on the **English Spelling Chart**. Consonant blends have '2 or 3 blue dots' and rhymes have a 'red underline' or a 'red and blue underline'.

The skills performed in ESC VIDEOS 2-4 are adapted versions of those performed using the hard copy English Spelling Chart.

The chart is available as a handy two-sided A5 and A4 deskchart and a one-sided A1 and A0 wallchart.

ESC VIDEO 1
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