

THRASS®

Teaching Handwriting Reading And Spelling Skills



C h a r t s



THE THRASS INSTITUTE
(Australasia & Canada)

**AN INTEGRATED PHONOGRAPHIC TOOL FOR TEACHING
THE BUILDING BLOCKS OF LITERACY**

CHARTS

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CHARTS

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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

b bb *	c k ck ch q *	ch tch *	d dd *	f ff ph *	g gg *
h *	j g ge dge *	l ll *	m mm mb *	n nn kn *	ng n *
p pp *	r rr wr *	s ss se c ce *	s *	sh ti ch *	t tt *
th *	th *	v ve *	w wh u *	y *	z zz ze s se *

a *	a a-e ai ay *	air are *	ar a *	e ea *	e ea ee ey y *
ear eer *	er ar or ure a e i o u *			er ir or ur *	
i y *	i i-e igh y *	o a *	o oa o-e ow *	oi oy *	
oo u *	oo ew ue *	ure *	or a au aw oor *	ow ou *	u o *

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
 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

bird rabbit cat kitten duck school queen chair watch dog ladder fish coffee dolphin gate egg
 hand jam giant cage bridge leg bell mouse hammer lamb net dinner knee king ink
 panda hippo rain cherry wrist sun dress horse city ice treasure shark station chef tap letter
 thumb feather voice sleeve water wheel quilt yawn zip fizz sneeze laser cheese

ant baby tape snail tray hair square car banana bed bread me beach tree key pony
 ear deer teacher collar doctor measure zebra garden fossil lion circus fern shirt worm fur
 tin pyramid tiger kite light fly frog swan nose boat note snow coin toy
 book bull moon screw glue lure fork ball sauce saw door cow house bus glove

phoneme

a speech sound

grapheme

a spelling choice

graph

a one letter

spelling choice

1

digraph

a two letter

spelling choice

2

trigraph

a three letter

spelling choice

3

quadgraph

a four letter
spelling choice

4

*GCA

Grapheme Catch-All
a spelling choice not
on the THRASSCHART



vowel line

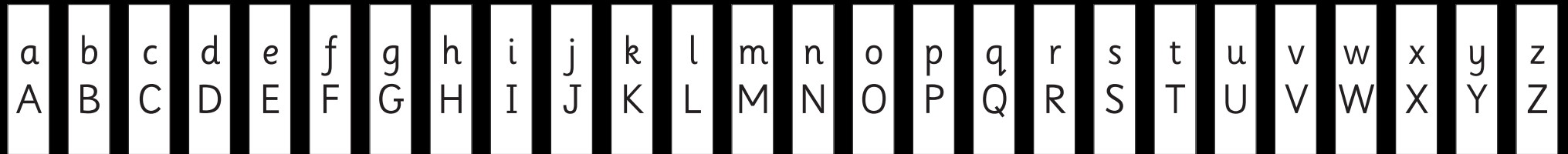
separates
the consonants from
the vowels

R = G → P

S = P → G

Letter-boxes

Lower-case letters



Capital letters

NIPS

Non-Phonographic
Spelling

diphone

one letter used to
represent two phonemes

consonants

Speech sounds made with restricted or modified air flow.
Consonants can be voiced or unvoiced.

vowel line

vowel line

vowels

Speech sounds made with little or no restriction to the air flow.
All vowels are voiced.

THE THRASSWORD PICTURE SHEETS

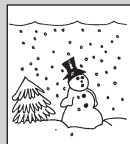
The THRASSWORD PICTURE SHEETS are photocopiable and can be used to provide unlimited support activities.

Here are 12 suggested activities for the sheets and cards.



1. Use the cards with the sheets to provide a matching activity. Learners match the cards with the sheets.

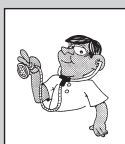
2. Cut the THRASSWORDS off a set of cards. Learners match the words with the pictures.



snow



frog

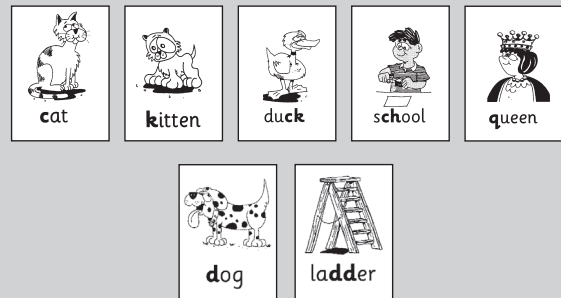


doctor

3. Use the cards in conjunction with a THRASSCHART. They can be used to match the bold graphemes in the THRASSWORDS with the graphemes on the THRASSCHART.



4. Shuffle the cards. Learners sort them into their phoneme-boxes.



5. Choose a grapheme, such as the digraph 'c' 'h'. Learner find cards with the same (bold) grapheme. They then decide if the grapheme represents the same phoneme or a different phoneme. In the words **sch**ool, **ch**air and **ch**ef, 'c'h' represents three different consonant phonemes.



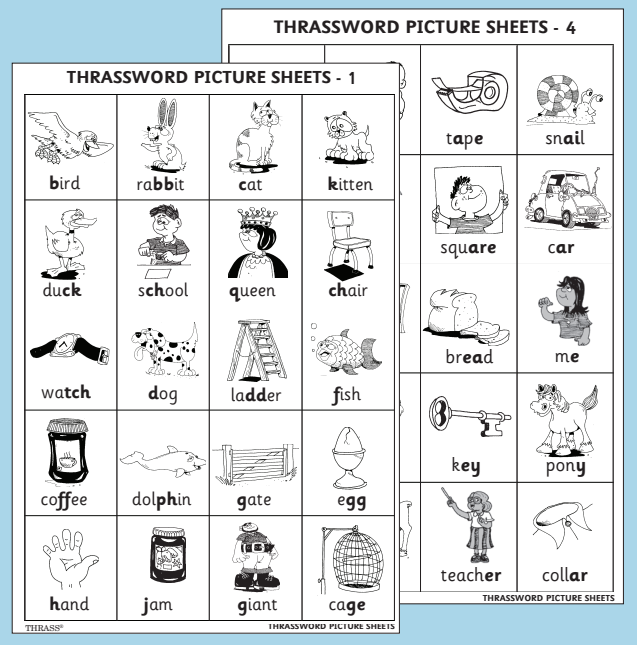
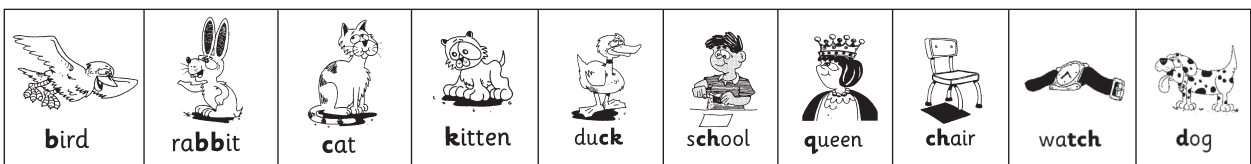
chef



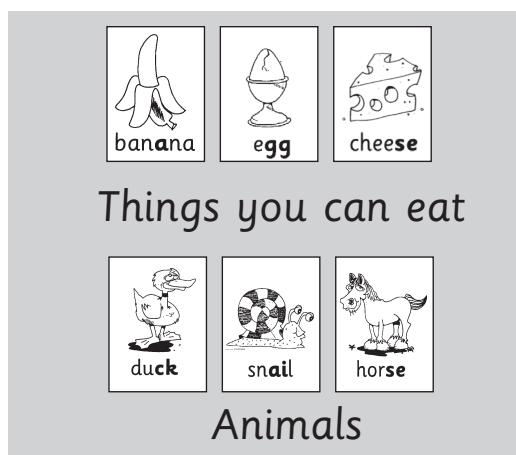
school



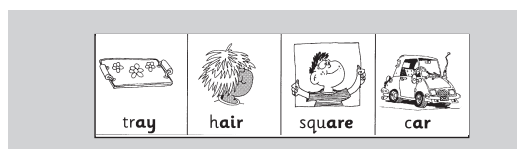
chair



6. Learners can arrange some of the cards into categories and discuss their selections e.g. Things you can eat, animals, people, clothing...

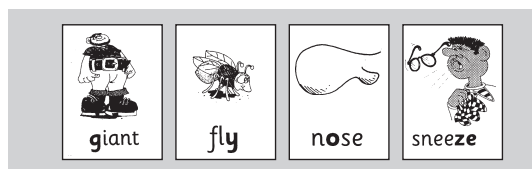


7. Give the learner a 'strip' of THRASSWORDS to write, read and spell at home.



When learners can write, read and spell the words, they can paste the 'cards' or 'strips' into a book.

8. Learners select some of the cards and arrange them in a left to right sequence. They then tell or write a story, using the words in the same order, then discuss the results.

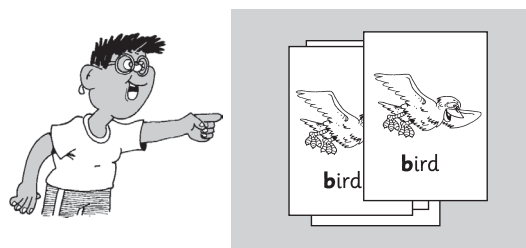


9. Photocopy the THRASSWORD PICTURE SHEETS. Staple them to make a THRASS PICTURE BOOK. Discuss the pictures and words.

10. Use two sets of cards to play 'THRASS SNAP'.

Play as you would a normal game of Snap.

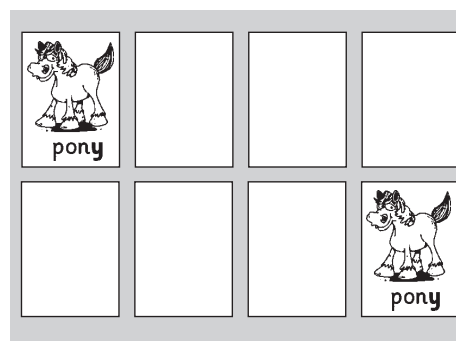
THRASS SNAP



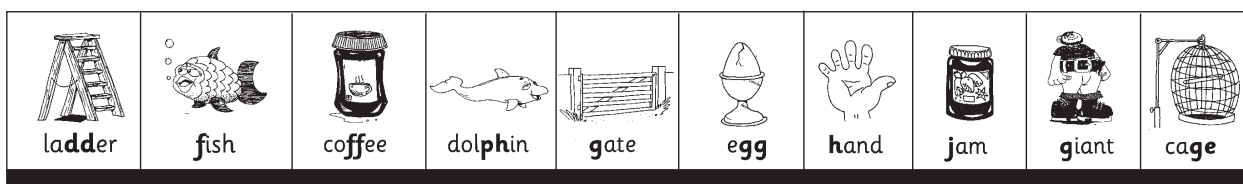
11. Use two sets of cards to play 'THRASS PAIRS'.

Pairs of cards are randomly arranged face down. Learners take turns to find pairs.

THRASS PAIRS



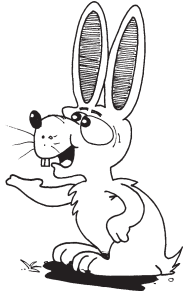
12. Cut the sheets into strips to make a classroom border. This is used for reference purposes and also to practise the THRASSWORD Sequence.



THRASSWORD PICTURE SHEETS - 1



bird



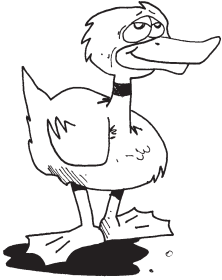
rabbit



cat



kitten



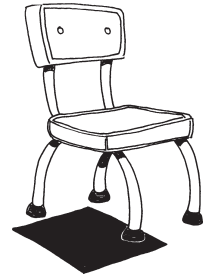
duck



school



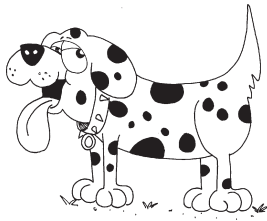
queen



chair



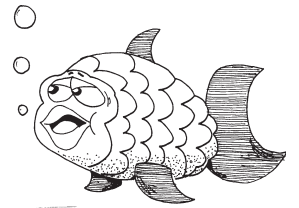
watch



dog



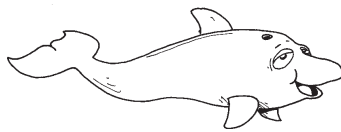
ladder



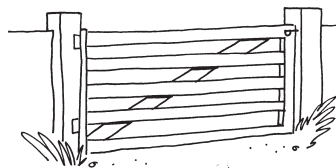
fish



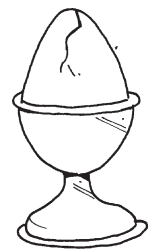
coffee



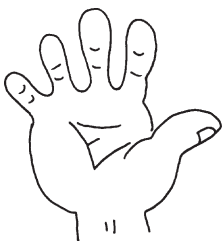
dolphin



gate



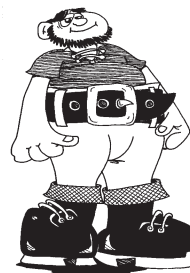
egg



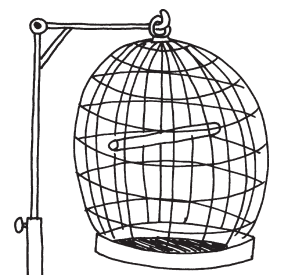
hand



jam

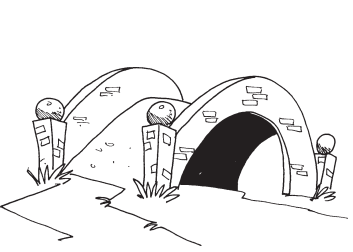

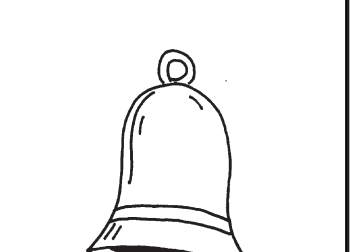

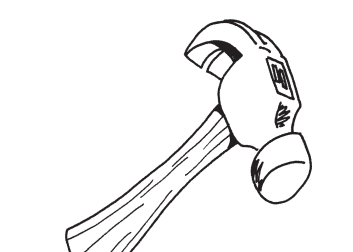
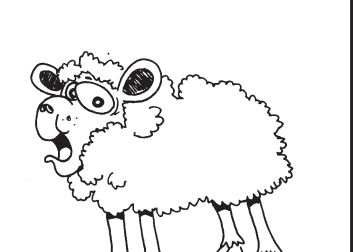
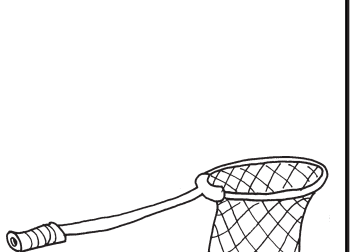
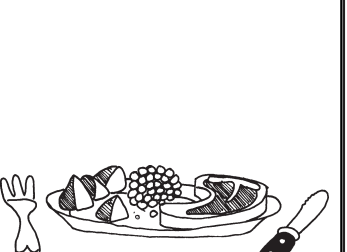
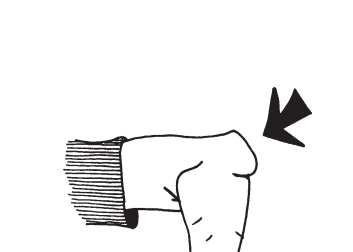



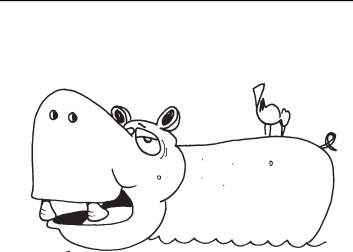

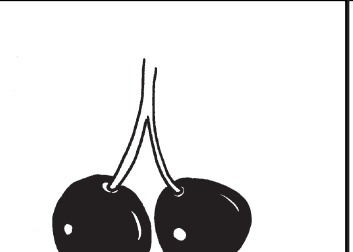
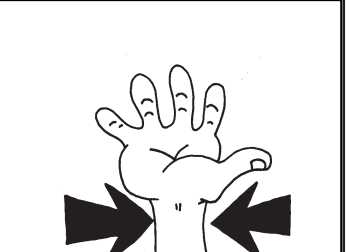
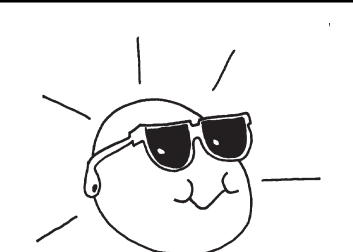

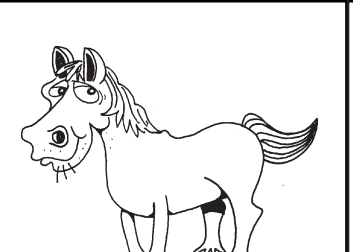



giant

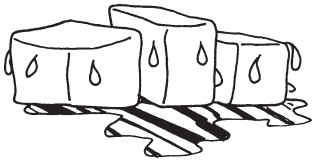


cage

THRASSWORD PICTURE SHEETS - 2

 <p>bridge</p>	 <p>leg</p>	 <p>bell</p>	 <p>mouse</p>
 <p>hammer</p>	 <p>lamb</p>	 <p>net</p>	 <p>dinner</p>
 <p>knee</p>	 <p>king</p>	 <p>ink</p>	 <p>panda</p>
 <p>hippo</p>	 <p>rain</p>	 <p>cherry</p>	 <p>wrist</p>
 <p>sun</p>	 <p>dress</p>	 <p>horse</p>	 <p>city</p>

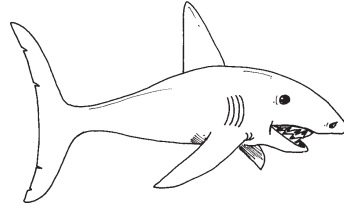
THRASSWORD PICTURE SHEETS - 3



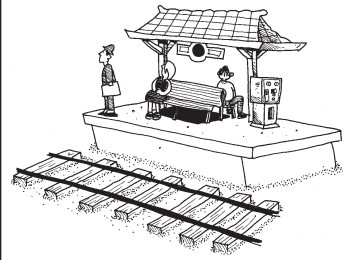
ice



treasure



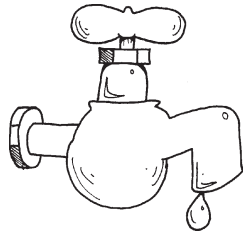
shark



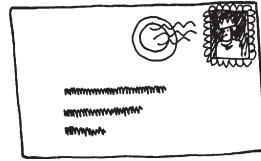
station



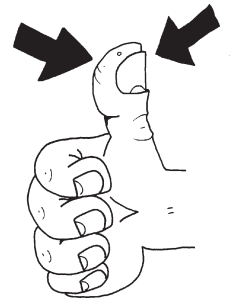
chef



tap



letter



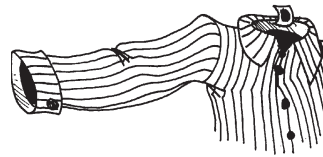
thumb



feather



voice



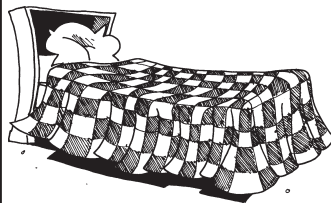
sleeve



water



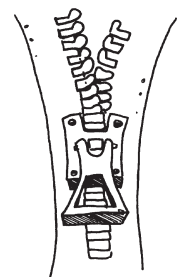
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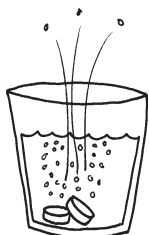
quilt



yawn



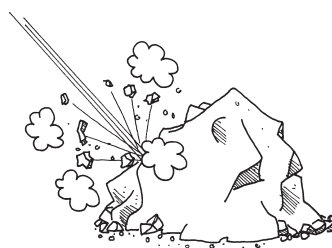
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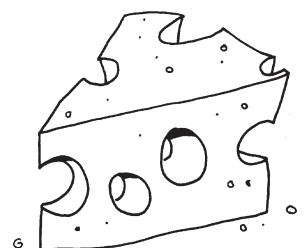
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sneeze

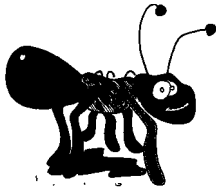


laser

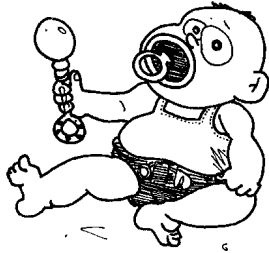


cheese

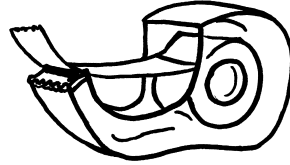
THRASSWORD PICTURE SHEETS -4



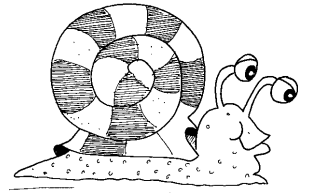
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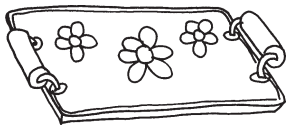
baby



tape



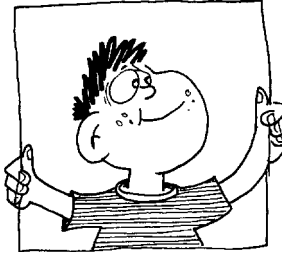
snail



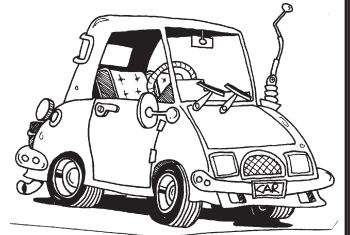
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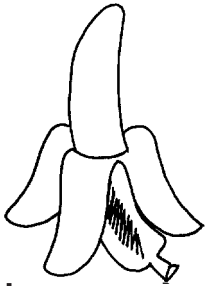
hair



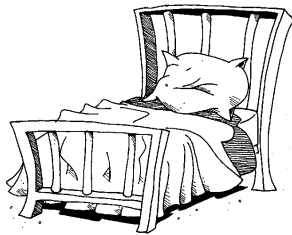
square



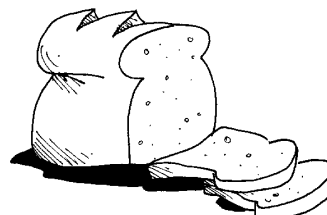
car



banana



bed



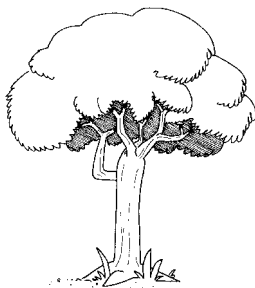
bread



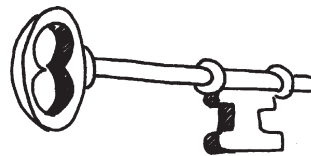
me



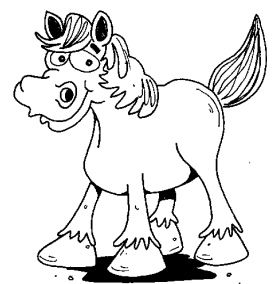
beach



tree



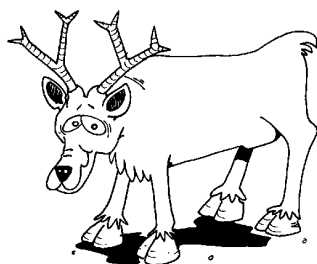
key



pony



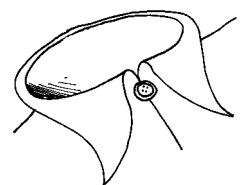
ear



deer



teacher



collar

THRASSWORD PICTURE SHEETS - 5



doctor



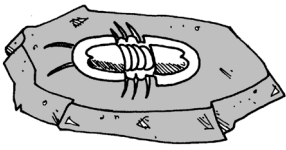
measure



zebra



garden



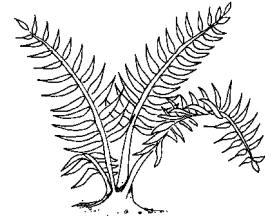
fossil



lion



circus



fern



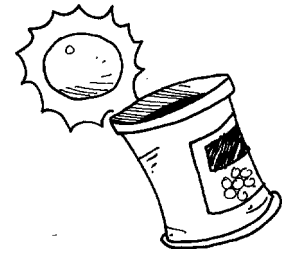
shirt



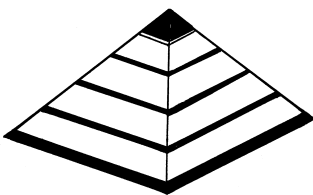
worm



fur



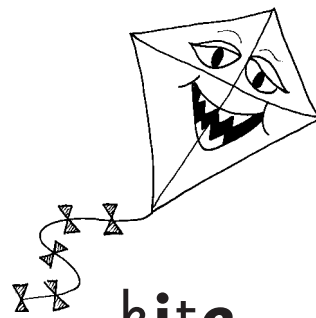
tin



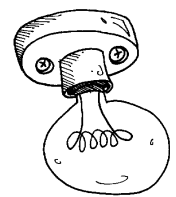
pyramid



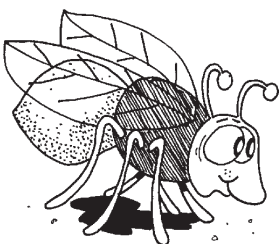
tiger



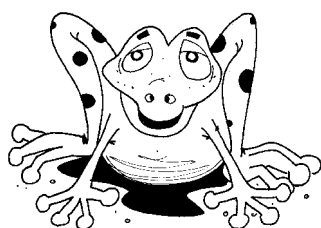
kite



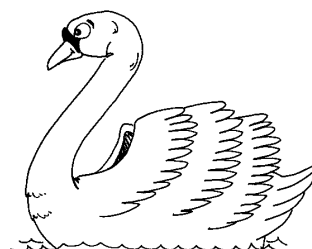
light



fly



frog

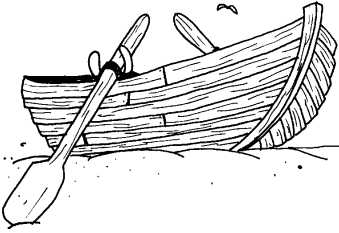


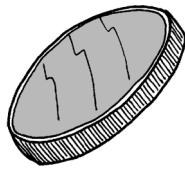
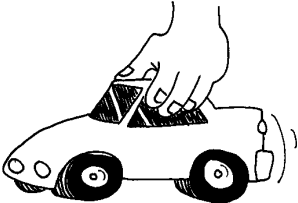
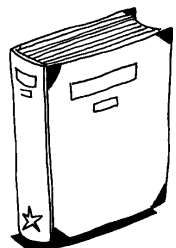
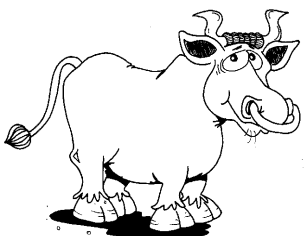



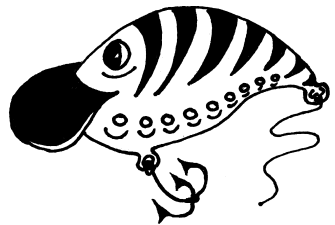
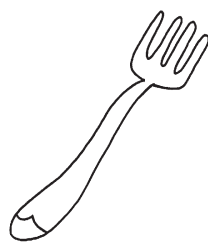


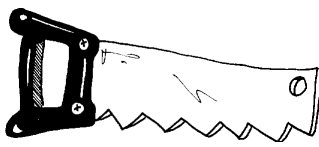
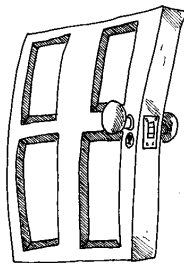
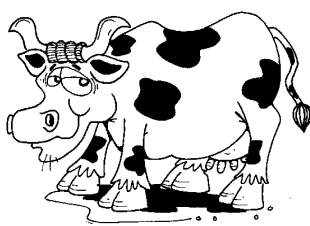

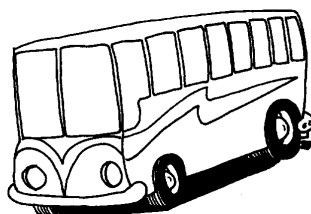
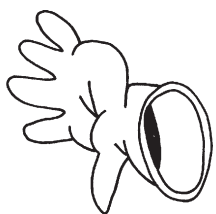


swan



nose

THRASSWORD PICTURE SHEETS - 6

 <p>boat</p>	 <p>note</p>	 <p>snow</p>	 <p>coin</p>
 <p>toy</p>	 <p>book</p>	 <p>bull</p>	 <p>moon</p>
 <p>screw</p>	 <p>glue</p>	 <p>lure</p>	 <p>fork</p>
 <p>ball</p>	 <p>sauce</p>	 <p>saw</p>	 <p>door</p>
 <p>cow</p>	 <p>house</p>	 <p>bus</p>	 <p>glove</p>

bird b ir d	rabbit r a bb i t	cat c a t
kitten k i tt e n	duck d u ck	school s ch oo l
queen q u ee n	chair ch air	watch w a tch
dog d o g	ladder l a dd er	fish f i sh

<p>coffee</p> <p>c o ff ee</p>	<p>dolphin</p> <p>d o l ph i n</p>	<p>gate</p> <p>g a t e</p>
<p>egg</p> <p>e gg</p>	<p>hand</p> <p>h a n d</p>	<p>jam</p> <p>j a m</p>
<p>giant</p> <p>g i a n t</p>	<p>cage</p> <p>c a ge</p>	<p>bridge</p> <p>b r i dge</p>
<p>leg</p> <p>l e g</p>	<p>bell</p> <p>b e ll</p>	<p>mouse</p> <p>m ou se</p>

hammer	lamb	net
h a mm er	l a mb	n e t
dinner	knee	king
d i nn er	kn ee	k i ng
ink	panda	hippo
i n k	p a n d a	h i pp o
rain	cherry	wrist
r ai n	ch e rr y	wr i s t

sun s u n	dress d r e s s	horse h o r s e
city c i t y	ice i c e	treasure t r e a s u r e
shark sh a r k	station s t a t i o n	chef ch e f
tap t a p	letter l e t t e r	thumb th u m b

feather f ea th er	voice v oi ce	sleeve s l ee ve
water w a t er	wheel wh ee l	quilt q u i l t
yawn y aw n	zip z i p	fizz f i zz
sneeze s n ee ze	laser l a s er	cheese ch ee se

ant a n t	baby b a b y	tape t a p e
snail s n ai l	tray t r ay	hair h air
square s q u are	car c ar	banana b a n a n a
bed b e d	bread b r ea d	me m e

<p>beach</p> <p>b ea ch</p>	<p>tree</p> <p>t r ee</p>	<p>key</p> <p>k ey</p>
<p>pony</p> <p>p o n y</p>	<p>ear</p> <p>ear</p>	<p>deer</p> <p>d eer</p>
<p>teacher</p> <p>t ea ch er</p>	<p>collar</p> <p>c o ll ar</p>	<p>doctor</p> <p>d o c t or</p>
<p>measure</p> <p>m ea s ure</p>	<p>zebra</p> <p>z e b r a</p>	<p>garden</p> <p>g ar d e n</p>

<p>fossil</p> <p>f o ss i l</p>	<p>lion</p> <p>l i o n</p>	<p>circus</p> <p>c ir c u s</p>
<p>fern</p> <p>f er n</p>	<p>shirt</p> <p>sh ir t</p>	<p>worm</p> <p>w or m</p>
<p>fur</p> <p>f ur</p>	<p>tin</p> <p>t i n</p>	<p>pyramid</p> <p>p y r a m i d</p>
<p>tiger</p> <p>t i g er</p>	<p>kite</p> <p>k i t e</p>	<p>light</p> <p>l igh t</p>

fly f l y	frog f r o g	swan s w a n
nose n o se	boat b oa t	note n o t e
snow s n ow	coin c oi n	toy t oy
book b oo k	bull b u ll	moon m oo n

<p>screw</p> <p>s c r ew</p>	<p>glue</p> <p>g l ue</p>	<p>lure</p> <p>l ure</p>
<p>fork</p> <p>f or k</p>	<p>ball</p> <p>b a ll</p>	<p>sauce</p> <p>s au ce</p>
<p>saw</p> <p>s aw</p>	<p>door</p> <p>d oor</p>	<p>cow</p> <p>c ow</p>
<p>house</p> <p>h ou se</p>	<p>bus</p> <p>b u s</p>	<p>glove</p> <p>g l o ve</p>

USING THE INTERNATIONAL PHONETIC ALPHABET (IPA)

IPA stands for International Phonetic Alphabet. It is an international code used in many dictionaries to give guidance on pronunciation. The system has a symbol for each of the 44 phonemes used in spoken English. On the THRASSCHART below each IPA symbol has been placed in the appropriate phoneme box.

THRASS IPA CHART

b	k	tʃ	d	f	g
h	dʒ	l	m	n	ŋ
p	r	s	ʒ	ʃ	t
θ	ð	v	w	j	z
<hr/>					
æ	eɪ	eə	ɑ:	e	i:
ɪə	ə		ɜ:		
ɪ	aɪ	ɒ	əʊ	ɔɪ	
ʊ	u:	ʊə	ɔ:	aʊ	ʌ

- ◆ In English a phoneme is not always represented by the same grapheme.
- ◆ In the IPA system a phoneme is always represented by the same symbol. This is why it is used to give guidance on pronunciation. For example, the word graph may be pronounced as (græf) or (grɑ:f). Say these phonemes in the correct sequence to hear two pronunciations of the word graph.
- ◆ Use the IPA to help determine the graphs, digraphs and trigraphs in words.

Note that people may argue over which letter or letters (which grapheme) represent which phoneme. For example, in the word cough, it could be assumed from other words that the three phonemes are represented by a graph and two digraphs (c-ou-gh). This is because several other words use the digraph 'o' 'u' to represent a phoneme. For example, in cousin and trouble, the 'o' 'u' is a GCA for the phoneme (ʌ) or possibly (ʊ), depending on accent. However, it could be argued that the (ɒ) in cough is represented by the 'o' and the 'u' 'g' 'h' is a trigraph for the phoneme (f).

A list of the THRASSWORDS with their IPA symbols can be found on the next page.

- ◆ Note that pronunciations other than those indicated are possible. For example, the word 'bus' may be pronounced by some speakers as (bʌs) or (bʊs). Say these phonemes in the correct sequence order, to hear the two pronunciations.

IPA SOUNDS AND SYMBOLS

CONSONANTS

Plosives

b	as in bird	(bɜ:d)
k	as in cat	(kæt)
d	as in dog	(dɒg)
g	as in gate	(geɪt)
p	as in panda	('pændə)
t	as in tap	(tæp)

Fricatives

f	as in fish	(fɪʃ)
h	as in hand	(hænd)
s	as in sun	(sʌn)
ʒ	as in treasure	('treʒ.ə)
ʃ	as in shark	(ʃɑ:k)
θ	as in thumb	(θʌm)
ð	as in feather	('feð.ə)
v	as in voice	(vɔɪs)
z	as in zip	(zɪp)

Affricates

tʃ	as in chair	(tʃeə)
dʒ	as in jam	(dʒæm)

Nasals

m	as in mouse	(maʊs)
n	as in net	(net)
ŋ	as in king	(kɪŋ)

Liquids

l	as in leg	(leg)
r	as in rain	(reɪn)

Semi-vowels

w	as in water	('wɔ:tə)
j	as in yawn	(jɔ:n)

VOWELS

Short monophthongs

æ	as in ant	(ænt)
e	as in bed	(bed)
ə	as in teacher	('ti:tʃə)
ɪ	as in tin	(tɪn)
ɒ	as in frog	(frɒg)
ʊ	as in book	(bʊk)
ʌ	as in bus	(bʌs)

Long monophthongs

ɑ:	as in car	(kɑ:)
i:	as in me	(mi:)
ɜ:	as in fern	(fɜ:n)
u:	as in moon	(mu:n)
ɔ:	as in fork	(fɔ:k)

: is used to indicate a long vowel (long monophthong)

Diphthongs

eɪ	as in baby	('beɪ.bɪ)
eə	as in hair	(heə)
ɪə	as in ear	(ɪə)
aɪ	as in tiger	('taɪ.gə)
əʊ	as in nose	(nəʊz)
ɔɪ	as in coin	(kɔɪn)
ʊə	as in lure	(lʊə)
aʊ	as in cow	(kaʊ)

' is used to indicate the stressed syllable e.g. (pæn) in ('pændə)

. is used to indicate the break between syllables.

HOW CAN WE USE IPA?

IPA is an international code used in dictionaries to give guidance on pronunciation.

Try these examples.

bath (bɑ:θ) **n** A large basin in which one sits to wash the whole body.

◆ Four letters, three phonemes. Locate the symbols on the IPA chart above and the graphemes on the GRAPHEMECHART in the CHARTS section.

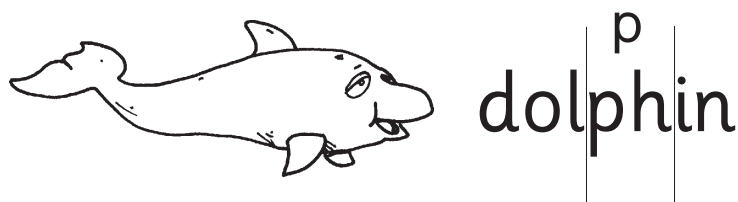
bird (bɜ:d) **n** An animal with wings and feathers that can usually fly.

◆ Four letters, three phonemes. Locate the symbols on the IPA chart above and the graphemes on the THRASSCHART.

- ◆ Use IPA to record errors.

You can use IPA to record pronunciation errors made by learners when reading words or naming letters. By using IPA symbols you can accurately record mispronunciations or accents so that others may know exactly what was said.

For example, if a learner misreads the digraph 'p' 'h' in the word dolphin as (p) instead of (f) you can indicate the error by writing the IPA symbol for the incorrect pronunciation above the digraph.



Suggestions

Use the IPA symbols in a conventional or pronunciation dictionary to help determine the pronunciation of words and to record those that differ from the ones suggested (including your own differences). For example, how do you pronounce the vowel trigraph in the word **your**? Do you pronounce it as ɔ: as in **fork**, ʊə as in **lure** or ə as in **teacher**.

Note: To find the graphs, digraphs, trigraphs and quadgraphs in words other than the THRASSWORDS use either our THRASS Phonics Handbook (T-171) or the iThrass App. See below for a summary of the THRASS Phonics Handbook.

THE THRASS PHONICS HANDBOOK AND PHONICS WORD BANK

The THRASS Phonics Handbook, (T-171) - reference book, arranges words according to phonemes and then provides lists of words with a wide range of 'spelling choices' for each phoneme. For example for the phoneme (ʃ) as in shark, words are listed under different spelling choices for that phoneme, e.g. 's' 'h' as in shark, 'c' 'h' as in chef, 't' 'i' as in station etc. Over the years teachers, tutors and parents have found the THRASS Phonics Handbook to be an extremely valuable resource. Below are some examples.

sh	ti	ch
English	addition	chalet
fish	devotion	chamois
fresh	edition	chandelier
shape	education	chaperone
shelf	faction	charade
shine	fiction	chardonnay
ship	fraction	chauffeur
shirt	infection	chiffon

The above book can be matched with the the learner's workbook - the THRASS Phonics Word Bank (T-182). Learners list words under phonemes according to different spelling choices.

IPA SYMBOLS FOR THE THRASSWORDS

bird	b ɜ: d	ink	ɪ ŋ k	ant	æ n t	fur	f ɜ:
rabbit	'r æ b. ə t	panda	'p æ n. d ə	baby	'b eɪ. b i:	tin	t ɪ n
cat	k æ t	hippo	'h ɪ p. ə ʊ	tape	t eɪ p	pyramid	'p ɪ r. ə. m ɪ d
kitten	'k ɪ t. ə n	rain	r eɪ n	snail	s n eɪ l	tiger	't aɪ. g ə
duck	d ʌ k	cherry	'tʃ e r. i:	tray	t r eɪ	kite	k aɪ t
school	s k u:l	wrist	r ɪ s t	hair	h eə	light	l aɪ t
queen	k w i:n	sun	s ʌ n	square	s k w eə	fly	f l aɪ
chair	tʃ eə	dress	d r e s	car	k a:	frog	f r ɒ g
watch	w ɒ tʃ	horse	h ɔ: s	banana	b ə 'n æ:. n ə	swan	s w ɒ n
dog	d ɒ g	city	's ɪ t. i:	bed	b e d	nose	n ə ʊ z
ladder	'l æ d. ə	ice	aɪ s	bread	b r e d	boat	b ə ʊ t
fish	f ɪ ʃ	treasure	't r e ʒ. ə	me	m i:	note	n ə ʊ t
coffee	'k ɒ f. i:	shark	ʃ a: k	beach	b i: tʃ	snow	s n ə ʊ
dolphin	'd ɒ l. f ə n	station	's t eɪ. ʃ ə n	tree	t r i:	coin	k ɔɪ n
gate	g eɪ t	chef	ʃ e f	key	k i:	toy	t ɔɪ
egg	e g	tap	t æ p	pony	'p ə ʊ. n i:	book	b ʊ k
hand	h æ n d	letter	'l e t. ə	ear	ɪ ə	bull	b ʊ l
jam	dʒ æ m	thumb	θ ʌ m	deer	d iə	moon	m u: n
giant	'dʒ aɪ. ə n t	feather	'f e ð. ə	teacher	't i:. tʃ ə	screw	s k r u:
cage	k eɪ dʒ	voice	v ɔɪ s	collar	'k ɒ l. ə	glue	g l u:
bridge	b r ɪ dʒ	sleeve	s l i: v	doctor	'd ɒ k. t ə	lure	l ʊ ə
leg	l e g	water	'w ɔ:. t ə	measure	'm e ʒ. ə	fork	f ɔ: k
bell	b e l	wheel	w i: l	zebra	'z e b. r ə	ball	b ɔ: l
mouse	m ə ʊ s	quilt	k w ɪ l t	garden	'g ɑ:. d ə n	sauce	s ɔ: s
hammer	'h æ m. ə	yawn	j ɔ: n	fossil	'f ɒ s. ə l	saw	s ɔ:
lamb	l æ m	zip	z ɪ p	lion	'l aɪ. ə n	door	d ɔ:
net	n e t	fizz	f ɪ z	circus	's ɜ:. k ə s	cow	k ə ʊ
dinner	'd ɪ n. ə	sneeze	s n i: z	fern	f ɜ: n	house	h ə ʊ s
knee	n i:	laser	'l eɪ. z ə	shirt	ʃ ɜ: t	bus	b ʌ s
king	k ɪ ŋ	cheese	tʃ i: z	worm	w ɜ: m	glove	g l ʌ v

IPA SOUNDS AND SYMBOLS

CONSONANTS

Plosives

b	as in bird	(b ɜ : d)
k	as in cat	(k æ t)
d	as in dog	(d ɒ g)
g	as in gate	(g eɪ t)
p	as in panda	(' p æ n . d ə)
t	as in tap	(t æ p)

Fricatives

f	as in fish	(f ɪ f)
h	as in hand	(h æ n d)
s	as in sun	(s ʌ n)
ʒ	as in treasure	(' t r e ʒ . ə)
ʃ	as in shark	(ʃ a : k)
θ	as in thumb	(θ ʌ m)
ð	as in feather	(' f e ð . ə)
v	as in voice	(v ɔɪ s)
z	as in zip	(z ɪ p)

Affricates

tʃ	as in chair	(tʃ e ə)
dʒ	as in jam	(dʒ æ m)

Nasals

m	as in mouse	(m aʊ s)
n	as in net	(n e t)
ŋ	as in king	(k ɪ ŋ)

Liquids

l	as in leg	(l e g)
r	as in rain	(r eɪ n)

Semi-vowels

w	as in water	(' w ɔ : t ə)
j	as in yawn	(j ɔ : n)

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VOWELS

Short monophthongs

æ	as in ant	(æ n t)
e	as in bed	(b e d)
ə	as in teacher	(' t i : tʃ ə)
ɪ	as in tin	(t ɪ n)
ɒ	as in frog	(f r ɒ g)
ʊ	as in book	(b ʊ k)
ʌ	as in bus	(b ʌ s)

Long monophthongs

ɑ :	as in car	(k ɑ :)
i :	as in me	(m i :)
ɜ :	as in fern	(f ɜ : n)
u :	as in moon	(m u : n)
ɔ :	as in fork	(f ɔ : k)

: is used to indicate a long vowel (long monophthong)

Diphthongs

eɪ	as in baby	(' b eɪ . b i :)
eə	as in hair	(h e ə)
ɪə	as in ear	(ɪ ə)
aɪ	as in tiger	(' t aɪ . g ə)
əʊ	as in nose	(n əʊ z)
ɔɪ	as in coin	(k ɔɪ n)
ʊə	as in lure	(l ʊ ə)
aʊ	as in cow	(k aʊ)

' is used to indicate the stressed syllable e.g. (p æ n) in (' p æ n . d ə)

. is used to indicate the break between syllables.

THRASS IPA CHART

b	k	tʃ	d	f	g
h	dʒ	l	m	n	ŋ
p	r	s	ʒ	ʃ	t
θ	ð	v	w	j	z
æ	eɪ	eə	ɑ :	e	i :
ɪə	ə			ɜ :	
ɪ	aɪ	ɒ	əʊ	ɔɪ	
ʊ	u :	ʊə	ɔ :	aʊ	ʌ

HOW CAN WE USE IPA?

IPA is an international code used in dictionaries to give guidance on pronunciation.

Try these examples.

bath (b ɑ : θ) n A large basin in which one sits to wash the whole body.

◆ Four letters, three phonemes. Locate the symbols on the IPA chart above and the graphemes on the GRAPHEMECHART in the CHARTS section.

bird (b ɜ : d) n An animal with wings and feathers that can usually fly.

◆ Four letters, three phonemes. Locate the symbols on the IPA chart above and the graphemes on the THRASSCHART.

THRASSCHART Activities

These can be used as extension, homework or whole-class activities.

Phoneme Matches

It is intended that this activity be extended to the whole chart.

- Find words on the chart that have the phoneme **b** as in bird and rabbit.
- Find words on the chart that have the phoneme **f** as in fish, coffee and dolphin.
- Find words on the chart that have the phoneme **æ** as in ant.
- Find words on the chart that have the phoneme **e** as in bread and bed.
- Find words on the chart that have the phoneme **ʃ** as in shark, station and chef.
- Find words on the chart that have the phoneme **n** as in net, dinner and knee.
- Find words on the chart that have the phoneme **r** as in rain, cherry and wrist.
- Find words on the chart that have the phoneme **tʃ** as in chair and watch.
- Find words on the chart that have the phoneme **s** as in sun, dress, horse, city and ice.
- Find words on the chart that have the phoneme **ɒ** as in frog and swan.

Key Graphemes

- How many key graphemes are there on the chart?
- Write the consonant words that have a graph as the key grapheme.
- Write the vowel words that have a graph as the key grapheme.
- Write the consonant words that have a digraph as the key grapheme.
- Write the vowel words that have a digraph as the key grapheme.
- Write the consonant words that have a trigraph as the key grapheme.
- Write the vowel words that have a trigraph as the key grapheme.

Number of Phonemes

- Find consonant key words with only two phonemes.
- Find vowel key words with only two phonemes.
- Find consonant key words with only three phonemes.
- Find vowel key words with only three phonemes.
- Find consonant key words with only four phonemes.
- Find vowel key words with only four phonemes.
- Find consonant key words with only five phonemes.
- Find vowel key words with only five phonemes.
- Find consonant key words with only six phonemes.
- Find vowel key words with only six phonemes.
- Find consonant key words with only seven phonemes.
- Find vowel key words with only seven phonemes.

Mapping the Chart

It is intended that this activity be extended to the whole chart.

- Write the words in row 1, box 3, consonants.
- Write the words in row 1, box 3, vowels.
- Write the words in row 2, box 6, consonants.
- Write the words in row 4, box 2, vowels.
- Write the words in row 3, box 5, consonants.
- Write the words in row 3, box 2, vowels.
- Write the words in row 1, box 3, consonants, that have a digraph as the key grapheme.
- Write the words in row 1, box 3, vowels, that have a trigraph as the key grapheme.
- Write the words in row 2, box 6, consonants, that have a graph as the key grapheme.
- Write the words in row 4, box 2, vowels, that have a digraph as the key grapheme.
- Write the words in row 3, box 5, consonants, that have a graph as the key grapheme.
- Write the words in row 3, box 2, vowels, that have a digraph as the key grapheme.

THRASSCHART Activities

Categorisation

- Find all the animals on the chart.
- Group them into different categories.
- Find baby animal names.
- Group them.
- Explore life cycles of different animals on the chart.
- Find things on the chart you could use.
- Group them into different categories.
- Find things on the chart you could use as transport.
- Find things on the chart you could eat.
- Find things on the chart to do with weather.
- Find things on the chart to do with the garden.
- Find the body parts on the chart.
- Find places on the chart that you can go to.
- Find the different people on the chart.

Nouns, Verbs, Adjectives

- Group the THRASSWORDS as nouns, verbs and adjectives.
- What THRASSWORDS can be written as plurals?
- Explore the suffixes added to make plurals.
- Find collective nouns for objects on the chart.
- Find THRASSWORDS that can be used as verbs.
- Explore the suffixes added to verbs for tense.
- How many word pairs can you make from the chart using one word as an adjective to describe a noun on the chart?

Compound Words

- How many compound words can you make using the THRASSWORDS?

Syllables

- Find all the monosyllabic words on the chart.
- Find all the polysyllabic words on the chart.
- Which word/words have the most syllables on the chart?

Homophones and Homographs

- Explore which THRASSWORDS have homophones.
- Explore which THRASSWORDS have homographs.

Whole-Class Language Activities

- Activity 1
What am I, who am I?
I am on the vowel side of the chart, row 2, box 2. I have a digraph.
I am someone who checks your health. Who am I?
I am on the consonant side of the chart, row 2, box 2. I have a graph.
I am something you can eat. What am I?
You can also use this as an extension activity. Have children write the clues to share with others.
- Activity 2
I hear with my little ear a word with the phoneme
- Activity 3
Linking words in themes. How many words can you link together to form a theme?