

NATO Phonetic Alphabet

A	Alpha	N	November
B	Bravo	O	Oscar
C	Charlie	P	Papa
D	Delta	Q	Quebec
E	Echo	R	Romeo
F	Foxtrot	S	Sierra
G	Golf	T	Tango
H	Hotel	U	Uniform
I	India	V	Victor
J	Juliect	W	Whiskey
K	Kilo	X	X-ray
L	Lima	Y	Yankee
M	Mike	Z	Zulu

Syllable Cards

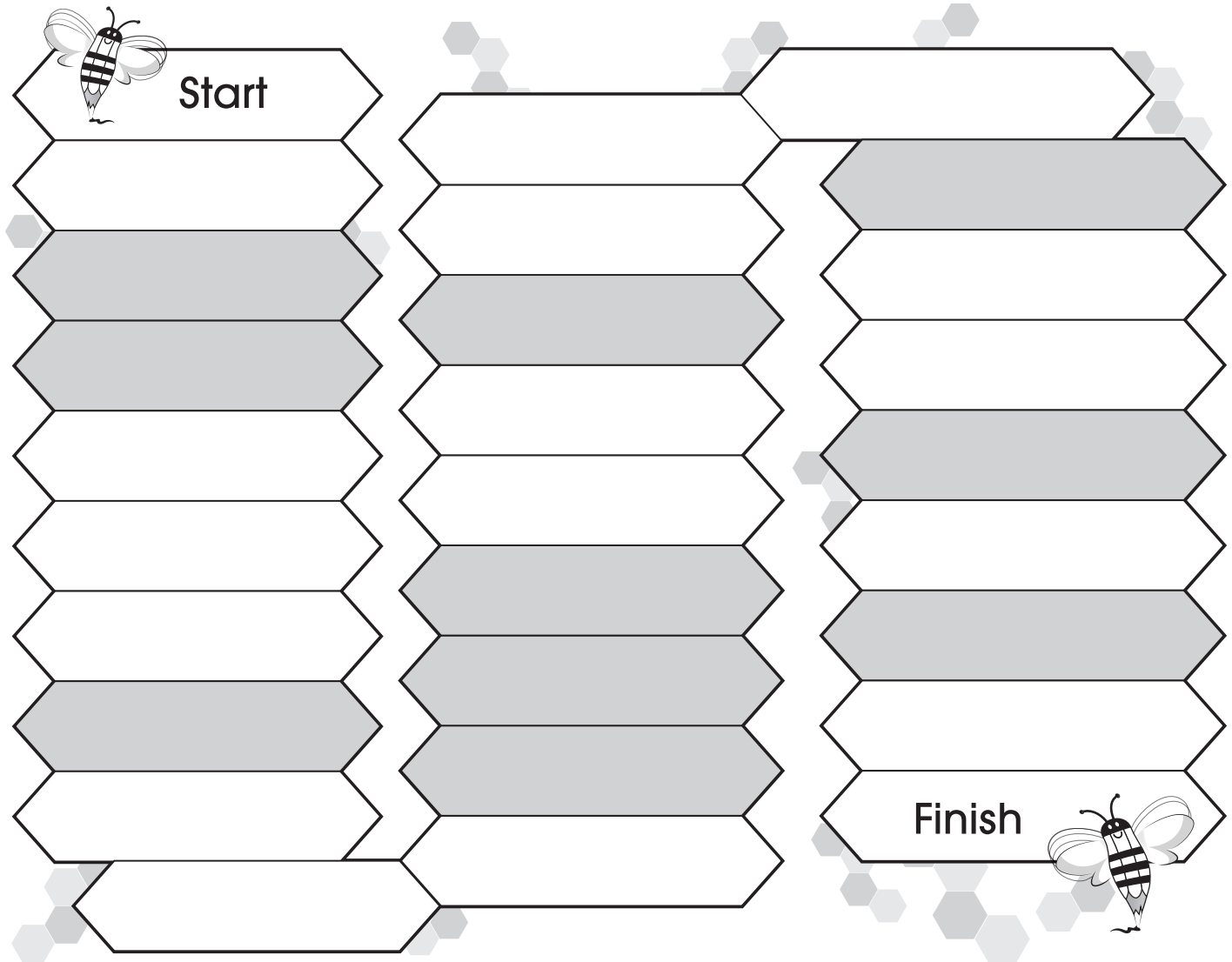
Board Game and Cards Template

You will need:

- the board template and cards below
- scissors
- your spelling list
- one dice
- two counters
- a partner

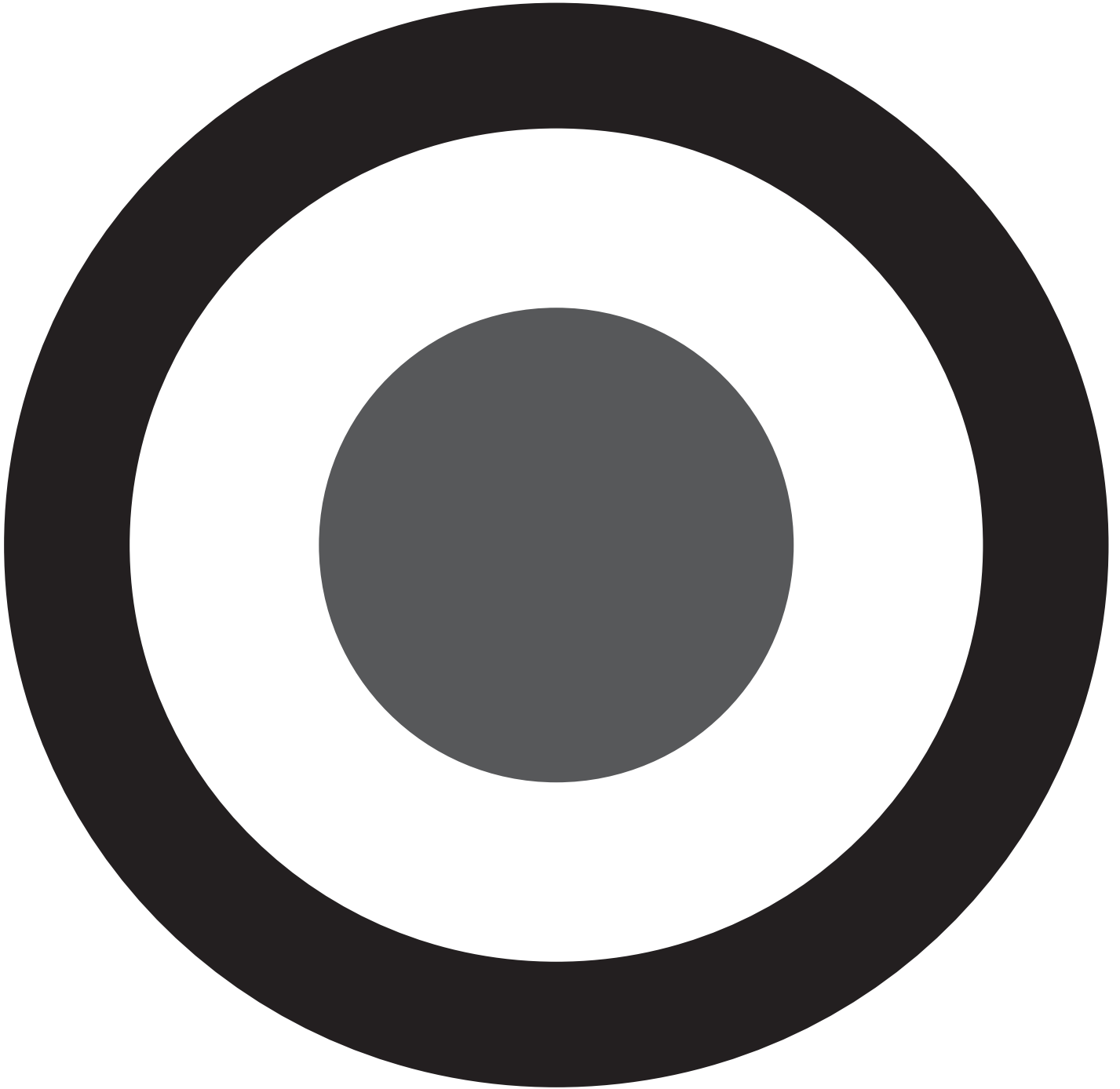
Instructions:

1. Cut out the cards. Shuffle them and put them face down in a pile.
2. Choose 15 spelling words. Write each word on a square on the template below.
3. With a partner, take it in turns to roll the dice and move your counter the correct number of spaces.
4. If you land on a word, take a card and say the onset, rime or syllables of the word. If you are correct, stay on your space. If not, go back to the beginning. The first player to reach the end, wins!

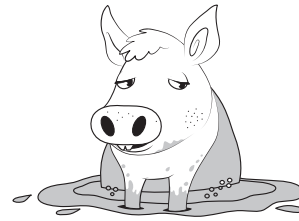


onset	rime	syllables
onset	rime	syllables
onset	rime	syllables

Bullseye Target



Pigpen Cypher



Write your spelling words using pigpen cypher.
 For example, 'The quick brown fox' would look like this:



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	

Tap Code

Communicate your spelling words to a partner by tapping each letter according to the code below. To do this, choose the letter you need, then tap its coordinates (the horizontal coordinate goes first). Note that 'c' and 'k' are the same.

As an example, the word 'help' would be communicated like this:

H: 2 taps (pause) 3 taps

E: 1 tap (pause) 5 taps

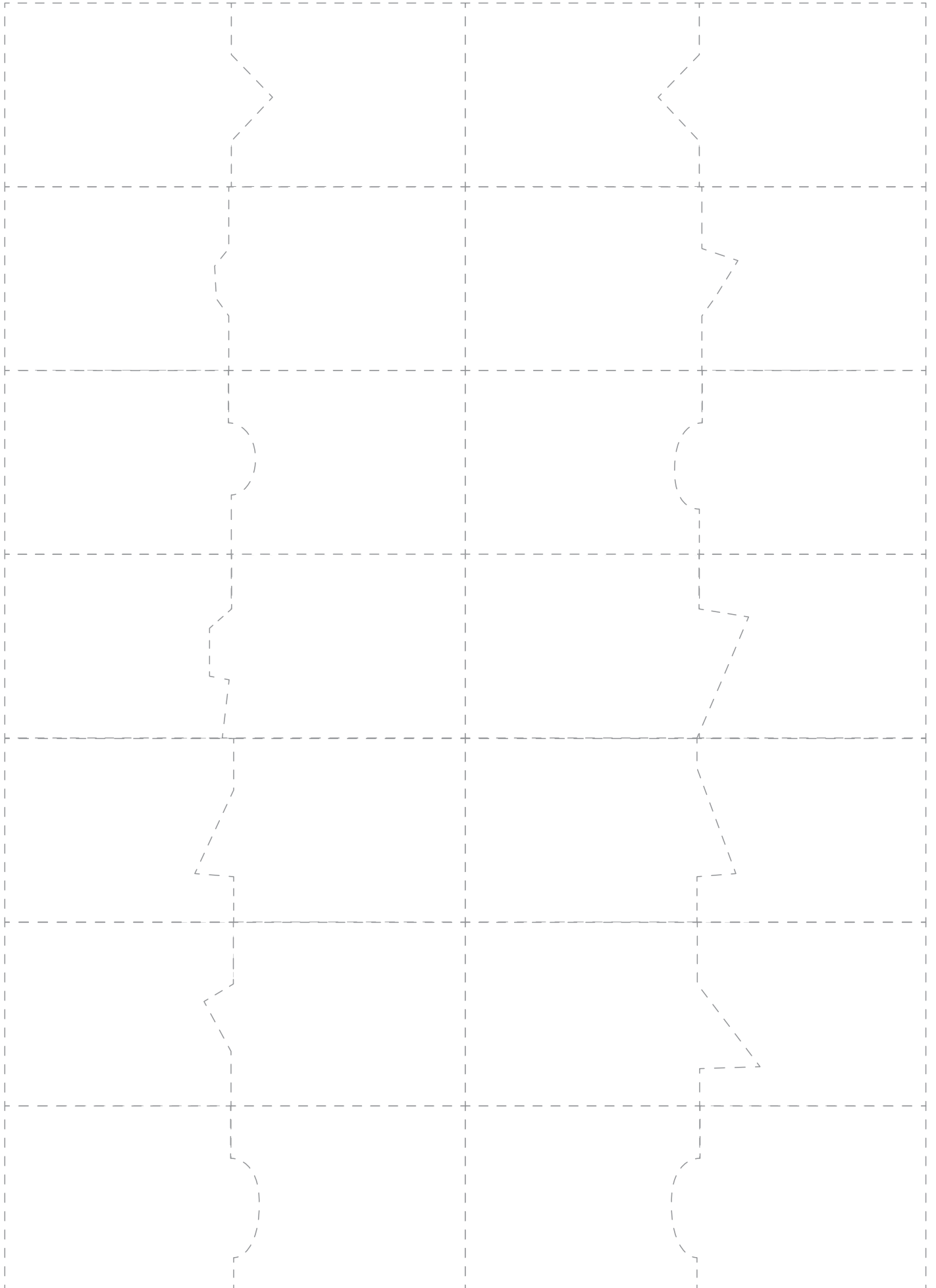
L: 3 taps (pause) 1 tap

P: 3 taps (pause) 5 taps



	1	2	3	4	5
1	A	B	C/K	D	E
2	F	G	H	I	J
3	L	M	N	O	P
4	Q	R	S	T	U
5	V	W	X	Y	Z

Jigsaw Puzzle Template



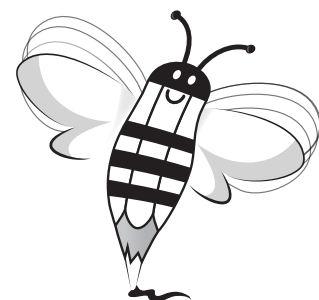
37 Common Phonograms

□ Vowels

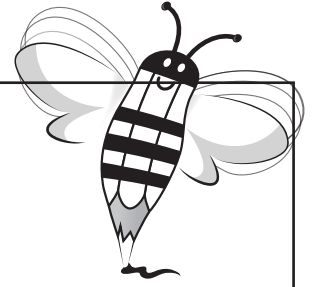
■ Vowel-Consonants

■ Consonants

A	a ä-ā-ă	ai ā	ay ā	au ä	aw ä	augh ä-ăf	er er	B	b b	bu b	C	c k-s	ch ch-k-sh	ci sh		
E	e ë-ē	ea ē-ē-ā	ee ē	ew ö-ū	eigh ā-ī	cei sē	ir er	ck k	D	d d	dge j	F	f f	G	g g-j	
	ei ā-ē-ī	ey ā-ē	I i ī-ī-ē-y	ie ē	igh ī	ed ëd-d-t	ur er	gn n	gu g-gw	H	h h	J	j j	K	k k	
O	o ö-ō-ö	oa ō	oe ō-ö	oi oi	oy oi	ough ö-ō-ö-ow- űf-öf	ear er	kn n	L	l l	M	m m	N	n n	ng ng	
	oo ö-ü-ō	ou ow-ō-ö- ū-ü	ow ow-ō	U u ű-ū-ü-ö-	ui ö	es ész-z	ar är	P	p p	ph f	Qu	qu kw	R	r r	S	s s-z
							or ör	sh sh	si sh-zh	T	t t	tch ch	th th-TH			
							wor wer	ti sh	V	v v	W	w w	wh wh	wr r		
								X	Y	Z						
								x ks-z	y y-ī-ī-ē	z z						



Ten Common Spelling Rules



1. 'ie' or 'ei'
 - Write 'i' before 'e', except after 'c'.
 - Write 'ie' after 'c' for words with a 'shen' sound.
 - Write 'ei' when the vowels sound like an *a* as in 'weigh'.
2. -s or -es
 - Add -es if a word ends in 'ch', 'sh', 's', 'ss', 'x' or 'z'.
 - Add -es for most words ending in 'o'.
3. 'y' to 'i' or not
 - For words ending in 'y' preceded by a vowel, retain the 'y' when adding -s or a suffix.
 - For words ending in 'y', retain the y when adding *-ing*.
 - For words ending in 'y', preceded by a consonant, change the 'y' to 'i' before adding any other suffix.
4. Drop the final 'e'
 - when the suffix starts with a vowel.
 - when the word ends in 'dge'.
 - when adding *-ing*.
5. 't' or 'tt' when adding *-ing*, *-ed* and some suffixes to verbs
 - Double the 't' for verbs of one syllable with a single vowel, or a short vowel sound.
 - Double the 't' for verbs of more than one syllable when the stress is on the last syllable.
6. 'r' or 'rr' when adding *-ing*, *-ed* and some suffixes to verbs
 - Double the 'r' for verbs of one syllable when the final 'r' is preceded by a single vowel.
 - Double the 'r' for words of more than one syllable when the stress does not fall on the first syllable.
7. 'l' or 'll' when adding *-ing*, *-ed* and some suffixes to verbs
 - Double the 'l' when the verb is preceded by a single vowel.
8. Dropping letters
 - Many words drop a letter when adding a suffix, but it is not always the final letter.
9. Words ending in the noun form
 - 'ant' is changed to 'ance' (e.g. distant/distance, elegant/elegance)
 - 'ent' is changed to 'ence' (e.g. present/presence, silent/silence)
10. Silent letters
 - Some words include letters which are not pronounced when the word is spoken.

Classification Chart

Criteria	Spelling Words
Silent letters	<hr/> <hr/> <hr/> <hr/>
Double letters	<hr/> <hr/> <hr/> <hr/>
Long vowel sounds	<hr/> <hr/> <hr/> <hr/>
Short vowel sounds	<hr/> <hr/> <hr/> <hr/>
Groups of three consonants	<hr/> <hr/> <hr/> <hr/>
Other	<hr/> <hr/> <hr/> <hr/>
Other	<hr/> <hr/> <hr/> <hr/>

List of Common English Affixes



Prefixes

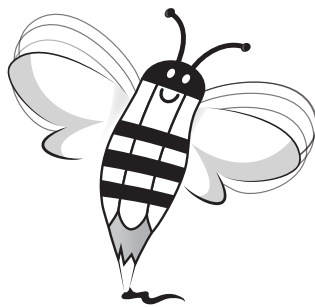
re-, dis-, un-, mis-, over-, pre-, co-, sub-, under-, de-, anti-, en-, em-, fore-, in-, im-, inter-, mid-, semi-, super-, trans-

Suffixes

-ise, -en, -(i)fy, -ate, -able, -ible, -ed, -er, -est, -ful, -ic, -(i)ty, -less, -ment, -ness

International Phonetic Alphabet

p	t	k	f	s	θ	ʃ	tʃ
pen	talk	can	five	six	thanks	she	teacher
b	d	g	v	z	ð	ʒ	dʒ
bed	does	get	very	zero	this	television	jacket
h	l	r	w	m	n	ŋ	j
hat	leg	read	wet	mother	nurse	sing	yes
ɪ	i	u	ʊ	eɪ	ɪə	əʊ	
hit	been	food	foot	page	here	know	
ə	ɜ	ɔ	ɒ	aɪ	eə	aʊ	
ago	first	bought	got	five	there	house	
e	æ	a	ʌ	ɔɪ	ʊə		
pen	cat	car	but	voice	poor		



Braille Alphabet

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				
● ○ ○ ○ ● ●	● ○ ● ○ ● ●	○ ● ● ● ○ ●	● ● ○ ○ ● ●	● ● ○ ● ● ●	● ○ ○ ● ● ●				

Salt Dough Recipe

You will need:

- two cups of plain flour
- approximately $\frac{3}{4}$ cup of cold water
- a wooden spoon
- baking paper
- a skewer or chopstick
- acrylic paint (optional)
- one cup of salt
- a mixing bowl
- an oven
- a baking tray
- fishing line or string



Instructions:

1. Preheat an oven to 120 °C.
2. Mix the flour and salt together in a bowl. Gradually mix in the water to make a smooth dough. You may not need all the water.
3. Knead the dough for five minutes.
4. Set the dough aside for 20 minutes.
5. Make letters from the dough, joining them together to make separate words.
6. Use a skewer or chopstick to make a small hole in the top of each word.
7. Line the baking tray with baking paper.
8. Bake the dough for about two hours (check every 30 minutes, as the time will depend on how thick your letters are) or until it is dry and hard. You can also air-dry the dough, but it will take a few days.
9. When cool, you can paint your dough letters if you wish.
10. Thread fishing line or string through the hole to display your salt dough word.