

Voicing of ED and ES suffixes in English

	IPA	-ed			-s/-es		
unvoiced							
plosives							
p – hope	p	hoped	t	/həwpt/	hopes	s	/həwps/
t – vote	t	voted	ɪd	/vəwt.ɪd/	votes	s	/vəwts/
ch – watch	tʃ	watched	t	/wɔtʃt/	watches	ɪz	/wɔtʃ.ɪz/
k – like	k	liked	t	/ləjkt/	likes	s	/ləjks/
fricatives							
f – cough	f	coughed	t	/kɔft/	coughs	s	/cɔfs/
θ – math	θ	mathed*	t	/mæθt/	maths	s	/mæθs/
s – miss	s	missed	t	/mɪst/	misses	ɪz	/ˈmɪs.ɪz/
sh – wash	ʃ	washed	t	/wɔʃt/	washes	ɪz	/ˈwɔʃ.ɪz/
voiced		-ed			-s/-es		
plosives							
b – rob	b	robbed	d	/rɒbd/	robs	z	/rɒbz/
d – shade	d	shaded	ɪd	/ʃeɪd.ɪd/	shades	z	/ʃeɪdz/
j – bridge	dʒ	bridged	d	/brɪdʒd/	bridges	ɪz	/ˈbrɪdʒ.ɪz/
g – bag	g	bagged	d	/bægd/	bags	z	/bægz/
fricatives							
v – brave	v	braved	d	/breɪvd/	braves	z	/breɪvz/
th – breathe	ð	breathed	d	/breɪðd/	breathes	z	/breɪðz/
z – raze	z	razed	d	/reɪzd/	razes	ɪz	/ˈreɪz.ɪz/
zh – sabotage	ʒ	sabotaged	d	/ˈsæ.bə.taɪ.ʒd/	sabotages	ɪz	/ˈsæ.bə.taɪ.ʒɪz/
nasals							
m – blame	m	blamed	d	/bleɪmd/	blames	z	/bleɪmz/
n – feign	n	feigned	d	/feɪnd/	feigns	z	/feɪnz/
ng – hang	ŋ	hanged	d	/hæŋd/	sings	z	/sɪŋz/
liquids & vowels							
l – mail	l	mailed	d	/meɪlɪd/	mails	z	/meɪlɪz/
r – bar	ɹ	barred	d	/bæɹd/	bars	z	/bæɹz/
w – mow	w	mowed	d	/məwd/	mows	z	/məwz/
y – stray	j	strayed	d	/stɹeɪjd/	strays	z	/stɹeɪz/

Pattern

- Voicing of suffix follows voicing of final sound.
- Exceptions when suffix is too close to final sound:
 - ed is **/ɪd/** after final /t/ and final /d/.
 - s/es is **/ɪz/** after final /s, z, ʃ, ʒ, tʃ, dʒ/.
- ⟨f⟩ usually changes to ⟨v⟩. ⟨th⟩ /θ/ usually changes to /ð/.

*Remember to
always practise
pronouncing words
with a vowel
before and after!*