

Voicing of ED and ES suffixes in English [v2]

Usage →	Past participle verbs, Adjectives				Third-person singular verbs, Plurals, Possessive S.			
plosives	-ed				-s/-es			
p – hope	hoped	p	t	/həwpt/	hopes	p	s	/həwps/
b – rob	robbed	b	d	/rɒbd/	robs	b	z	/rɒbz/
t – vote	voted	t	ɪd	/vəwt.ɪd/	votes	t	s	/vəwts/
d – shade	shaded	d	ɪd	/ʃejd.ɪd/	shades	d	z	/ʃejdz/
ch – watch	watched	tʃ	t	/wɔtʃt/	watches	tʃ	ɪz	/wɔtʃ.ɪz/
j – bridge	bridged	dʒ	d	/brɪdʒd/	bridges	dʒ	ɪz	/ˈbrɪdʒ.ɪz/
k – like	liked	k	t	/ləjkt/	likes	k	s	/ləjks/
g – bag	bagged	g	d	/bagd/	bags	g	z	/bagz/
fricatives	-ed				-s/-es			
f – cough	coughed	f	t	/kɔft/	coughs	f	s	/cɔfs/
v – brave	braved	v	d	/brɛjvd/	braves	v	z	/brɛjvz/
θ – math	mathed*	θ	t	/maθt/	maths	θ	s	/maθs/
th – breathe	breathed	ð	d	/brɪjðd/	breathes	ð	z	/brɪjðz/
s – miss	missed	s	t	/mɪst/	misses	s	ɪz	/ˈmɪs.ɪz/
z – raze	razed	z	d	/reɪzd/	razes	z	ɪz	/ˈreɪz.ɪz/
sh – wash	washed	ʃ	t	/wɔʃt/	washes	ʃ	ɪz	/ˈwɔʃ.ɪz/
zh – collage	collages	ʒ	d	/ˈcɔ.lɑ:ʒd/	collages	ʒ	ɪz	/ˈcɔ.lɑ:ʒ.ɪz/
nasals	-ed				-s/-es			
m – blame	blamed	m	d	/bleɪmd/	blames	m	z	/bleɪmz/
n – feign	feigned	n	d	/feɪnd/	feigns	n	z	/feɪnz/
ŋ – hang	hanged	ŋ	d	/haŋd/	hangs	ŋ	z	/haŋz/
liquids & vowels	-ed				-s/-es			
l – mail	mailed	ɫ	d	/meɪɫd/	mails	ɫ	z	/meɪɫz/
r – bar	barred	ɹ	d	/bærɹd/	bars	ɹ	z	/bærɹz/
w – mow	mowed	w	d	/məwd/	mows	w	z	/məwz/
y – stray	strayed	j	d	/stɹɛɪjd/	strays	j	z	/stɹɛɪz/

Dark rows are unvoiced final sound, light rows are voiced final sound. Red shows exceptions.

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!