



## Multisensory Speech Production Cues: Quick Ways to Model Speech Sounds

Sound	Articulatory Placement	Multisensory Cue (See It, Hear It, Feel It)
voicing	n/a	Fingers over vocal cords, feel noise; Cover ears and say voiced sound (like /m/)
/p/	Voice off, lips closed then open	Take a deep breath and blow it out, close lips to quickly and repeatedly stop the air flow; Hold fingers up to lips and move them away quickly.
/b/	Voice on, lips closed then open	Same as for /p/ but use and feel voice on.
/m/	Voice on, lips pushed together, sound coming out of the nose	Breathe out with mouth closed, use feather or paper to show air coming out of nose; Rub stomach like tasting something delicious; Try to make a /b/ sound but keep lips sealed shut
/t/	Voice off, tongue taps up behind top front teeth	Tongue Tapping Sound - Tap fingers quietly on the table; Feel the bump behind top front teeth with tip of the tongue and tap
/d/	Voice on, tongue taps up behind top front teeth	Noisy Tongue Tapping Sound - Bang hands loudly on table as if banging a drum
/f/	Voice off, top teeth gently rest on bottom lip	Quiet Fan Sound - Put fingers under bottom lip to feel the air come out, like a fan blows air; Use a feather or paper to see the air moving out of the mouth
/v/	Voice on, top teeth gently rest on bottom lip	Vibrating Buzzing Sound - Feel your bottom lip tickle and buzz
/k/	Voice off, back of the tongue reaches way up and back, tip of the tongue is down low behind bottom front teeth	Quiet Choking Sound - Touch throat and make choking sound; Insert 2 or 3 fingers into mouth and between front teeth and say /t/; Use body to do "downward dog" pose, hands and head down low (like front of tongue) butt and legs up high and back
/g/	Voice on, back of the tongue reaches way up and back, tip of the tongue is down low behind bottom front teeth	Noisy Gulping Sound - Touch throat and pretend to gulp your favorite drink; Insert 2 or 3 fingers into mouth and between front teeth and say /d/; "downward dog" pose
/th/	Voice off, gently bite tongue between teeth	Stick Out Your Tongue Sound - Feel/see air flow with finger, paper, feather
/th/	Voice on, bite tongue between teeth	Same as for /th/ but use and feel voice on; Pretend to stick out tongue at someone angrily
/s/	Voice off, tongue tip either up behind top teeth or down behind bottom teeth	Snake Sound - Turn arm into a skinny snake and slide hand down as you produce /s/; Smile to trap the tongue inside the teeth and blow air out; Make the /th/ sound and gently pull the tongue back inside teeth; Make the /sh/ sound and pull lips into a smile
/z/	Voice on, tongue tip either up behind top teeth or down behind bottom teeth	Cold Zipper Sound - Smile with teeth closed and "chattering" and pretend to zip up coat for a cold day
/l/	Voice on, tongue tip up behind front teeth	Tongue Up Sound: Pointer finger up next to mouth as tongue goes up and say, "la-la-la"; La-La-La Sound: Two fingers up as sing "la-la-la" and fingers to side to side as if conducting
/sh/	Voice off, lips rounded, teeth closed	International Quiet Sound - Round lips in a big "o" and put finger in front



<b>Sound</b>	<b>Articulatory Placement</b>	<b>Multisensory Cue (See It, Hear It, Feel It)</b>
/zh/	Voice on, lips rounded, teeth closed	Act like a glamorous movie star (i.e. channel Zsa Zsa Gabor!) fix your hair, protrude lips, places hands in front of mouth to show a big gush of air
“ch”	Voice off, lips open slightly (not rounded), teeth closed, jaw opens as air comes out	Train Sound: Palms out in front pushing air as say “ch-ch-ch”; Fast, short train sound
“j”	Voice on, teeth closed, lips open slightly (not rounded), jaw opens as air comes out	Jumping Sound: Palms out in front, push air out slowly as say “jjjjjjah”
/R/ initial	Voice on, tongue tip up and curled back (retroflexed), back of tongue up and back, lips round but open	Growling Bear sound: Show your teeth, snarling and growl “rrrrr” while showing your claws

Sources: Telian, N. *Reading with TLC* (1995); Bleile, K. *Manual of Articulation Therapy* ( 1995); Secord, W. *Eliciting Sounds: Techniques and Strategies for Clinicians, 2<sup>nd</sup> Ed* (2007)