MOTO-KINESTHETIC TECHNIQUES:

- Edna Young in the late 1930s developed the moto-kinesthetic method. These methods involve the clinician using her/his hands on the client's lips, jaw or face to direct movement necessary for each speech sound. This manipulation provides information to the client related to the place at which movement beings, amount of tension or pressure needed, overall shape and direction of movement and timing. Use tactile and kinesthetic senses to help client feel the way sound is produced (Secord, Boyce, Donohue, Fox, & Shine, 2007)

- Using gloves, place the jaw in the appropriate position for /θ/. The forefinger of one hand curves over the upper lip, the thumb and forefinger of the other hand rests on the chin. The tongue is brought forward and sound is attempted.

REFERENCES

Bauman-Waengler, J. (2008). *Articulatory and phonological impairments: A clinical focus.* (3rd ed.) Needham Heights, MA: Allyn & Bacon.

Bleile, K. (2006). *Late eight.* San Diego, CA: Plural Publishing.

Bleile, K. (1995). *Manual of articulation and phonological disorders.* San Diego: Singular Publishing Group.

Lindamood, P. & Lindamood, P. (1998). The Lindamood Phoneme Sequencing Program for Reading, Spelling, and Speech: The LiPS Program. (3rd ed.). Austin, TX: Pro-Ed.

Secord, W., Boyce, S., Donohue, J., Fox, R., & Shine, R. (2007). *Eliciting sounds.* (2nd ed.) Florence, KY: Thomson Delmar Learning.

SD USD FORT HAYS STATE UNIVERSITY

TEACHING THE /θ/ SOUND

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PLACE: LINGUA INTERDENTAL
VOICE: VOICELESS
MANNER: FRICATIVE

CONTEXTS:
INITIAL: THIN
MEDIAL: ATHLETE
FINAL: TOOTH

SHAPING TECHNIQUES:

- Shape from /s/ to /θ/
- Shape from /h/ to /θ/
- Shape from /f/ to /θ/

METAPHORS

- Leaky tire sound with motor off
- Quiet tongue cooler
- Quiet brother of /ð/

KEY ENVIRONMENTS:

- High front vowels offer the best coarticulatory conditions because /θ/ is a high-front position of the tongue
- Teach words that /i/ prior to /θ/ e.g. teeth and wreath.
- Teach words that begin with /θ/ followed by /i/ or /ɪ / e.g. thing, think, theme, theatre.
- Contrast /f/ and /θ/ in minimal pairs once /θ/ is established.

PHONETIC PLACEMENT TECHNIQUES:

- Instruct client to open teeth slightly and let tip of tongue show between upper and lower teeth; then blow air in continuous flow down center of tongue and between teeth.
- Instruct client to "peek" his tongue out between upper and lower teeth and then slowly and gently close mouth as he blows out the front of his mouth and "cools" his tongue
- Use mirror to monitor tongue placement and/or contrast client's incorrect production with correct production.
- Place a straw where the tongue tip contacts the upper and lower front teeth, and have the client direct the air into the straw.