

Cluster Target Selection

For Inducing Global Changes in the Sound System

Answer the series of questions to select one or more complex clusters. A body of research has demonstrated that teaching complex clusters induces system-wide learning for both treated and untreated sounds, thus increasing overall intelligibility (Gierut, 2007; Anderson, 2002; Barlow, 2005; Lleó & Prinz, 1997; Gierut & Champion, 2001; Gierut & O'Connor, 2002; Elbert & McReynolds, 1979; Gallagher & Shriner, 1975; Gierut 1998, 1999; Maas et al, 2002; Williams, 1986, 1988).

First Choice: Three-Element Cluster (sCC) Target Selection

1. Does the child have sCC clusters IN his/her inventory? **Circle the IN sCC clusters:**

IN sCC clusters: skw- spr- str- skr- spl-

2. Does child's phonemic inventory include /p t k w l r/? **List the IN phonemes from the *Phonemic Inventory Probe (PIP)* or the *Phonological Assessment and Treatment Target Selection (PATT)*:**

IN phonemes: _____

3. Are there three-element clusters for which he/she has the second (C2) AND third (C3) consonants as IN phonemes? **Circle the applicable sCC clusters below:**

sCC clusters for which child has both C2 and C3 phonemes: skw- spr- str- skr- spl-

4. What changes do you predict if you treat the sCC target(s)? **Circle the language universals that inform your predictions:**

sCC clusters → CC and sC clusters
Clusters → Affricates
Affricates → Fricatives
Fricatives → Stops
Liquids → Nasals
Liquids → Glides

Second Choice: Complex Two-Element Cluster (CC) Target Selection

5. What are the child's NONSTIMULABLE OUT sounds? **List the NONSTIMULABLE OUT sounds from the *In-Depth Stimulability Task*:** _____

6. What OUT CC cluster(s) with a sonority distance of 3 (SD = 3) include(s) two OUT sounds (preferably NONSTIMULABLE OUT sounds)? **Circle the applicable CC cluster(s) below:**

CC clusters (SD = 3) that include two NONSTIMULABLE OUT phones: fl- fr- θr- fr- sl-

7. What changes do you predict if you treat the CC target(s)? **Circle the language universals that inform your predictions:**

CC with small sonority distance → Clusters with large sonority distance
Clusters → Affricates
Affricates → Fricatives
Fricatives → Stops
Liquids → Nasals
Liquids → Glides