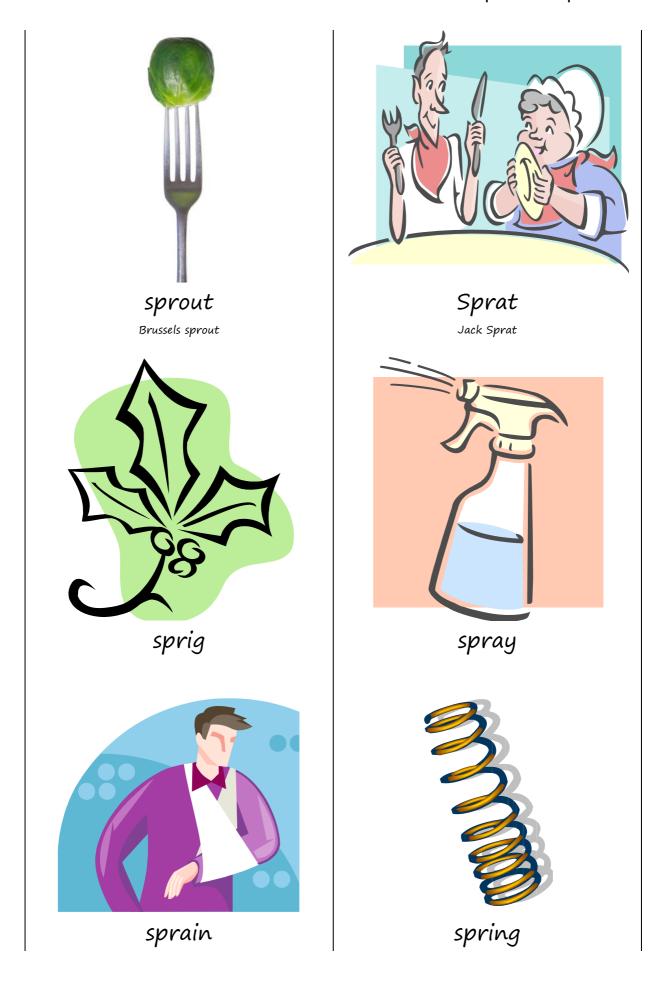


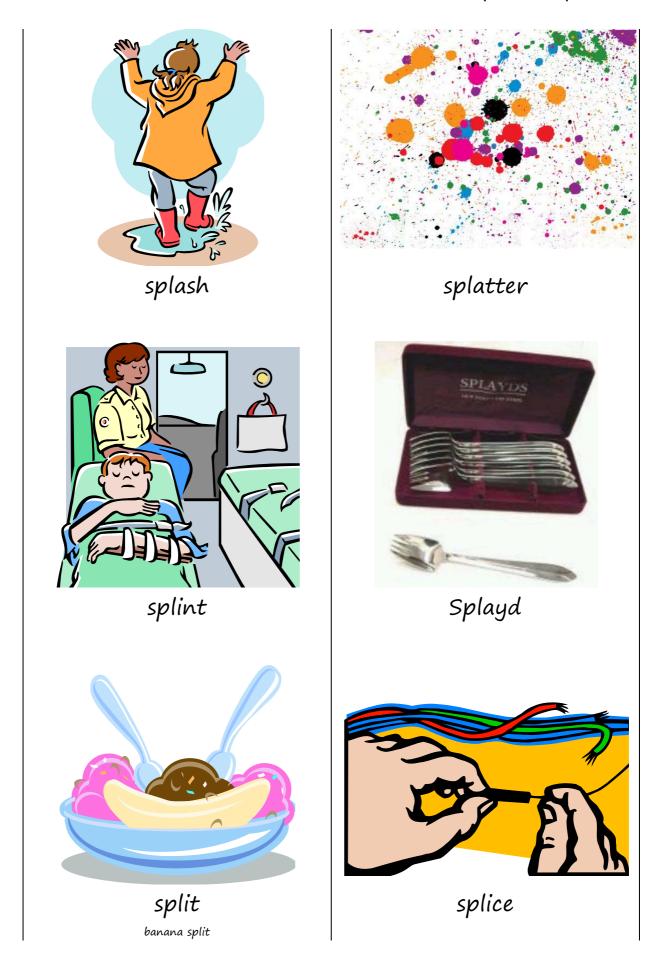
stretcher

strainer



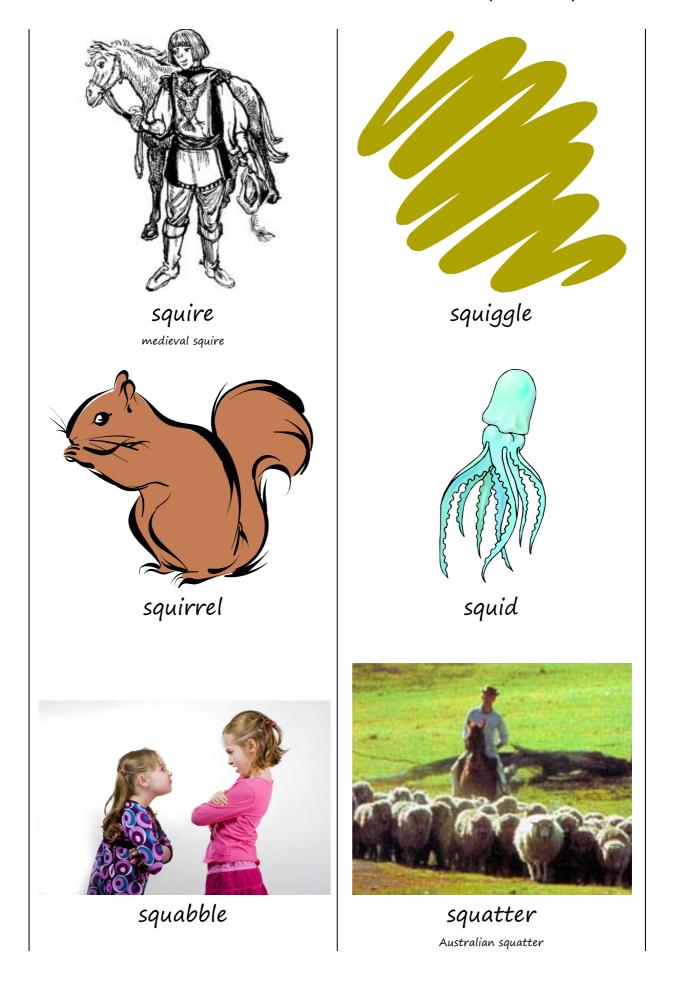












Most Complex		Sonority Difference	
	Voiceless fricative + nasal	sm sn	2
U	Voiceless fricative + liquid	fl fr θr sl	3
	Voiced stop + liquid or voiceless fricative + glide	bl br dr gl gr sw	4
	Voiceless stop + liquid	pl pr tr kl kr	5
	Voiceless stop + glide	tw kw	6
	Least Complex		

Consider targeting 3-element clusters, and 2-element clusters with smaller sonority differences (2 or 3 or 4).

vowels	0	voiced fricatives	4
glides	1	voiceless fricatives	5
liquids	2	voiced stops	6
nasals	3	voiceless stops	7

Clusters

Consonant clusters are more marked than singletons, but are some clusters *more* marked than others? One approach to classifying two-element consonant clusters according to markedness is to rank them according to their sonority difference score, using their numerical values from a sonority hierarchy (Ohala, 1999). This approach is called the Sonority Sequencing Principle or SSP. For example, /kw/ (7 minus 1) has a sonority difference score of 6, whereas /fl/ (5 minus 2) scores 3. Clusters with SMALL sonority differences of 2, 3 or 4 may better promote generalised change to singletons *and* clusters. Gierut (1999), Gierut & Champion (2001), and Morrisette, Farris & Gierut (2006) provide evidence and target selection guidelines.

Targeting Adjuncts

Note that the adjuncts /sp/, /st/ and /sk/ do not conform to the sonority sequencing principle with respect to generalisation.

Targeting the 3-element Clusters

Prior knowledge of the second element and the third element is required.

The 3-element consonant clusters, /spr/ /str/ /skr/ /spl/ and /skw/ should only be targeted if the child already has the relevant stop (/p/, /t/ or /k/) and the relevant liquid (/l/) or glide (w) present in his or her phonemic inventory. For example, if targeting /skw/ the child should have productive knowledge of /k/ and /w/, but does not need to have productive knowledge of /s/.

Targeting the 2-element Clusters

Prior knowledge of the first element and/or the second element is not required.

The 2-element clusters, /sm, /sn/, /fl/ etc. displayed on the chart above, can be targeted irrespective of whether the child has previous knowledge of either or both of the two elements. For example, in targeting /sl/ the child may or may not have previous knowledge of /s/ and/or /l/.

strap straw chin strap string streak street stripes stream strip strange strobes stretcher strainer sprout Sprat sprig spray sprain spring screw scrum scrap scrub screen script scroll scratch scrub Scrabble scribble scrunchie splash splatter splint Splayd split splice splinter splat splits spleen splendid splurge squad squat square squash squidgy squeegee squire squiggle squirrel squid squabble squatter