








Consonant Articulation Chart

Place of Articulation: Where is the sound produced	Stops	Nasals	Fricatives	Affricatives	Glides	Liquids
Lips are together	/b/  /p/	/m/ 			/w/  /wh/	
Upper front teeth are on the lower lip			/v/  /f/			
Tongue is between the teeth			/θ/  /th/			
Tongue is on the ridge behind the upper teeth	/d/  /t/	/n/ 	/z/  /s/			/l/ 
Tongue is against the roof of your mouth			/zh/  /sh/	/j/  /ch/	/y/ 	/r/ 
Tongue is against the palate in the back of the throat	/g/  /k/	/ng/ 				
Throat is open					/h/	

NOTE: Voiced consonants are denoted by the speaker icon 

Consonant Classification Chart

Place of Articulation: Where is the Sound Produced?		
Place	Description	Consonants
Bilabial	Lips are together	/b/ /p/ /m/ /w/ /wh/
Labiodental	Upper front teeth are on the lower lip	/v/ /f/
Interdental	Tongue is between the teeth	/th/ /th/
Alveolar	Tongue is on the ridge behind the upper teeth	/d/ /t/ /n/ /z/ /s/ /l/
Palatal	Tongue is against the roof of your mouth	/zh/ /sh/ /j/ /ch/ /y/ /r/
Velar	Tongue is against the palate in the back of the throat	/g/ /k/ /ng/
Glottal	Throat is open	/h/

Manner of Articulation: How is the Sound Produced?		
Type	Description	Consonants
Stops	Airflow is stopped completely for a short period of time.	/b/ /p/ /d/ /t/ /g/ /k/
Nasals	Air is forced through the nasal cavity and your mouth is closed.	/m/ /n/ /ng/
Affricatives	Airflow is stopped and then released.	/j/ /ch/
Fricatives	Air is forced through a narrow space.	/v/ /f/ /th/ /th/ /z/ /s/ /zh/ /sh/
Glides	Airflow is not obstructed.	/wh/ /w/ /y/
Liquids	Float in the mouth. Highly effected by the consonants and vowels that surround them.	/l/ /r/

Manner of Articulation: How is the Sound Produced? Is the Sound Voiced or Unvoiced?		
Type	Description	Consonants
Voiced	Vocal chords vibrate	/v/ /th/ /z/ /zh/ /b/ /d/ /g/ /j/ /m/ /n/ /ng/ /y/ /w/ /l/ /r/
Unvoiced	Vocal chords do not vibrate	/f/ /th/ /s/ /sh/ /p/ /t/ /k/ /ch/ /h/ /wh/

Handout content based on Moats 2020.