#### Recap: Vowels & Consonants

V – central "sound" of the syllable C – outer "shell" of the syllable

# $(C) \vee (C)$ (C)(C)(C)(C)(C)(C)

#### Recap: Vowels & Consonants

- V central "sound" of the syllable C – outer "shell" of the syllable
  - Tony is very pleased with the results

# Consonants

- 3 features:
  - Manner
  - Place
  - Voicing

# Consonants

Daniel Currie Hall http://www.chass.utoronto.ca/~d anhall/phonetics/sammy.html

pbtdkg

tf dz

mnŋ

fv0ðsz[3

#### How much constriction?

plosive: completely blocked fricative: partly blocked

affricate: plosive + fricative

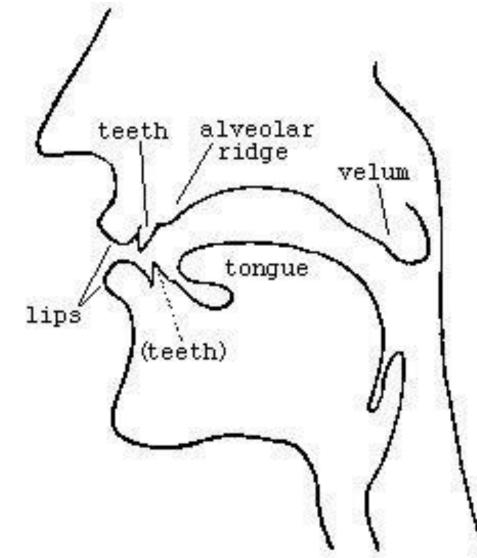
approximant: slightly hindered Wrjl

#### nasalization

Does the air flow through both the nose and the mouth, or just the mouth?

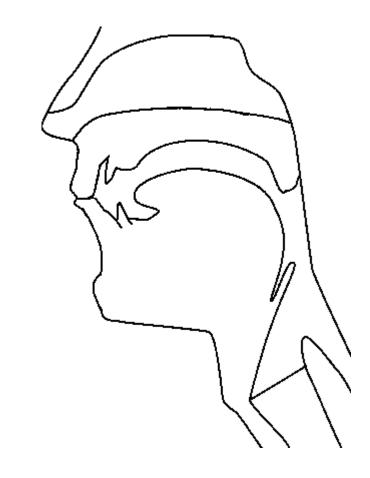
Where in the mouth does the constriction occur?

What parts of the mouth are involved (lips, teeth, tongue, roof of the mouth)?



bilabial labiodental dental alveolar palatal velar glottal

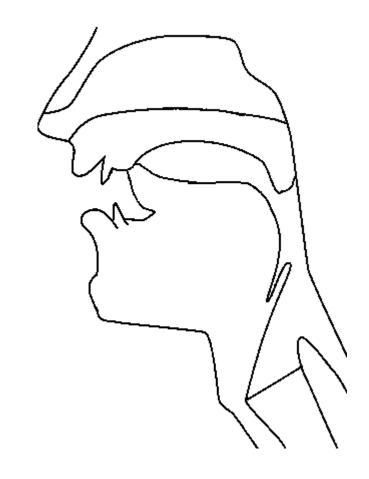
**Plosives:** bilabial alveolar (palatal) velar



#### **Plosives:**

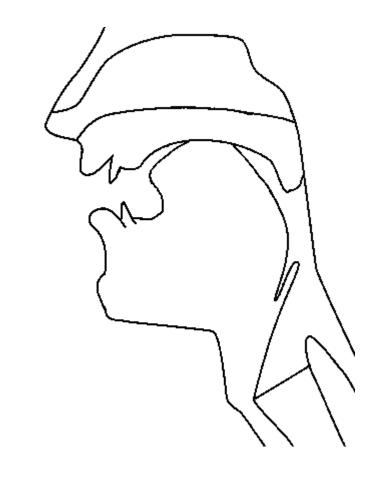
bilabial

alveolar (palatal) velar



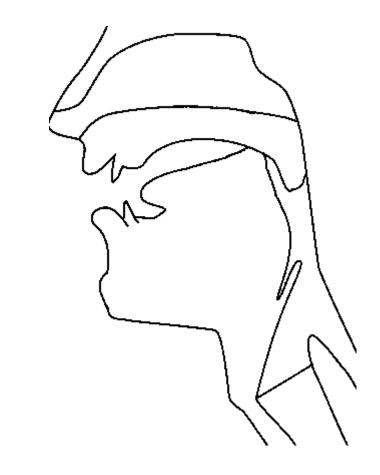
**Plosives:** 

bilabial alveolar (palatal) velar



### **Plosives:**

bilabial alveolar (palatal) velar



## **Plosives:**

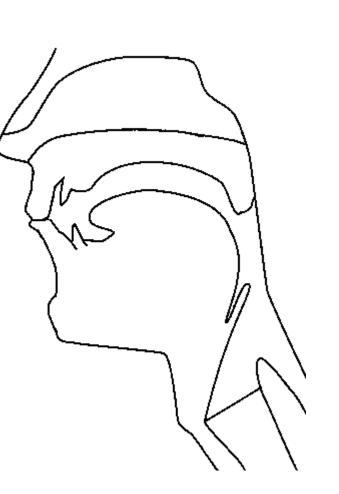
bilabial alveolar (palatal) velar

# **Consonants: 3 phonetic features 3 Voicing**

# Are the vocal cords vibrating or not?

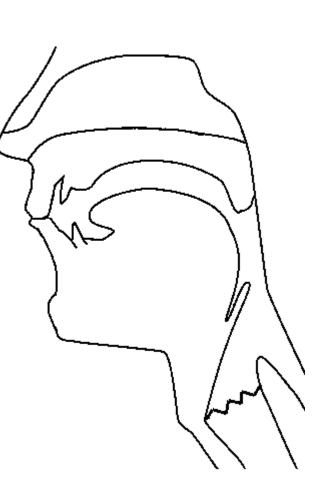
REMEMBER THE TERMS FORTIS and LENIS (at least until the next slideshow)

Features: unvoiced bilabial stop

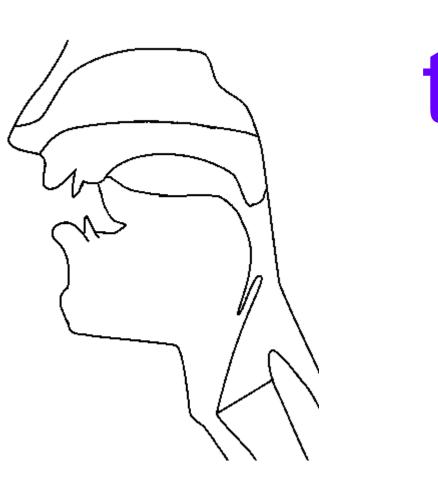


h

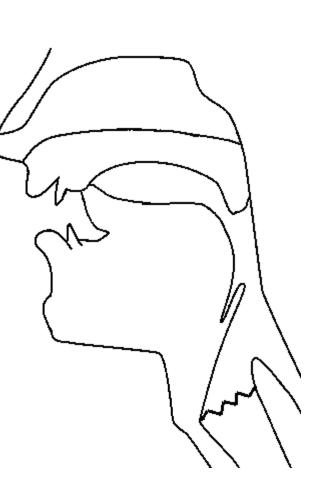
Features: voiced bilabial stop



Features: unvoiced alveolar stop

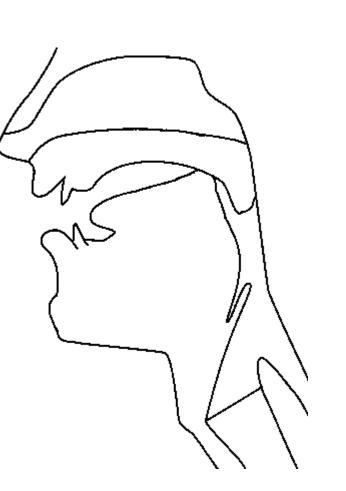


Features: voiced alveolar stop



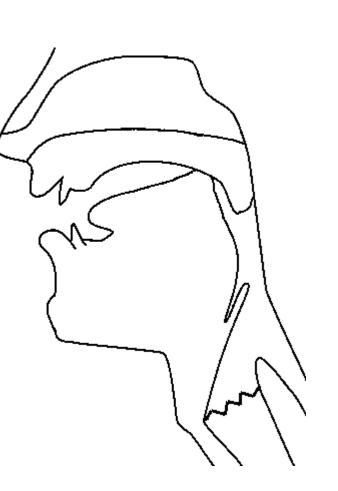
0

Features: unvoiced velar stop



k

Features: voiced velar stop



y