

Today's objective:

- **Review LING 101 phonetics**

Background preparation:

- Phonetics review handout and Quizlet practice
- See also review links from Daily Syllabus page

0. Today's plan

- Checking in on course structure, classroom safety
- Wrap-up from last time: What is this course about?
- Phonetics review
 - Consonant properties and symbols
 - Vowel properties and symbols
- (Time permitting) Language/linguistics factoids

0. Course information

- **Checking in** on course structure and technology
 - **New to the class?** See [course web site](#) (access from “Pages” in Canvas)
 - [Daily syllabus](#) page and [Schedule](#) page
 - [Course info & policies document](#) (syllabus)

0. Course information

- Checking in on course structure and technology
 - Any other...
 - Questions about the course?
 - Problems with Canvas or web site?

0. Course information

- Classroom safety information
 - [Classroom Emergency Checklist](#)
 - Try locking/unlocking classroom door
 - Tornado: Shelter in hallway; go to lowest floor(?)
 - Evacuation: Consider taking stairs to lowest floor and leaving from stairwell entrance

1. Review and wrap-up from last time

- What makes these tongue twisters hard?

She sells sea shells by the sea shore

[ʃi sɛlz si ʃɛlz baj ðə si ʃɔː]

The sixth sheik's sixth sheep is sick

[ðə sɪksθ ʃɪks sɪksθ ʃɪp ɪz sɪk]

Real weird rear wheel

[riːl wiəd riː wɪl]

Red leather, yellow leather

[rɛð lɛðə jɛləw lɛðə]

1. Review and wrap-up from last time

- Why evidence for phonology in mental grammar?

She sells sea shells by the sea shore

[**ʃi** **sɛlz** **si** **ʃɛlz** baj ðə **si** ʃɔɹ]

The sixth sheik's sixth sheep is sick

[ðə **sɪksθ** **ʃiks** **sɪksθ** ʃip ɪz **sɪk**]

Real weird rear wheel

[**ri:l** **wiəd** **riə** **wil**]

Red leather, yellow leather

[**ɹɛd** **lɛðɹ** **jɛləw** **lɛðɹ**]

1. Review and wrap-up from last time

- Strategies for success (from “Course info & policies” document)

2. LING 101: Consonant symbols & properties

- Setting the stage for today's phonetics review
 - Consonant properties and symbols
 - Vowel properties and symbols

The single most useful thing you can do to set yourself up for success in this course is to know this information well so you can use it QUICKLY

- Can you look at a set of speech sounds and see at a glance what properties they share?
- Can you rapidly identify what properties distinguish two sets of speech sounds?

2. LING 101: Consonant symbols & properties

Group discussion

- Put away devices and notes
(you may use scratch paper!)
- Take out a piece of paper and write down group members' names at the top in a column
 - To earn your check mark:
Speak up in the group discussion to make a contribution or ask a question

2. LING 101: Consonant symbols & properties

Group discussion

- Collaborate with your group members:
 - List the **four core properties** we are using to classify consonants phonetically
 - List the **places of articulation** for English consonants, in order from front to back
 - How many “manners of articulation” (types or major classes of consonants) can you list?
 - example: *fricative*

2. LING 101: Consonant symbols & properties

Group discussion — Debriefing

- **Four core properties** for consonants?
 - What are the “extras”? When do we need them?
- **Places of articulation** for English consonants?
- **Major classes** (“manners of articulation”)?
 - How are these described by the **set of properties** we are working with?

2. LING 101: Consonant symbols & properties

Group discussion — Debriefing

- What questions do you have about consonant symbols or properties?

3. LING 101: Vowel symbols & properties

Group discussion

- Collaborate with your group members:
 - Make an empty vowel chart and fill in [a ɑ æ e ə ε i ɪ o ɔ u ʊ ʌ]
 - What properties do the **rows** and **columns** of the chart visually represent?
 - What **other properties** do we need for distinguishing among these vowels?

3. LING 101: Vowel symbols & properties

Group discussion — Debriefing

- What does the vowel chart look like?
 - Columns represent...
 - Rows represent...
 - Other properties we need?

3. LING 101: Vowel symbols & properties

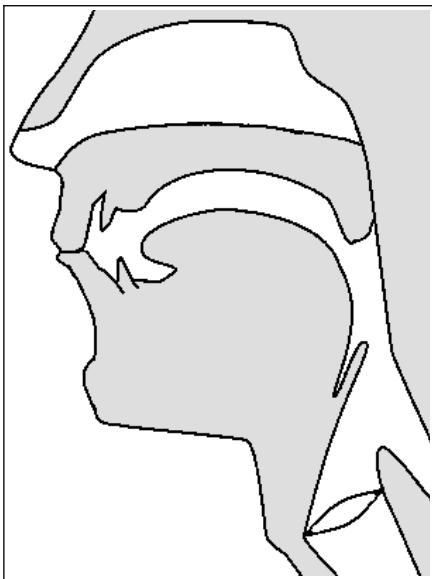
Group discussion — Debriefing

- What questions do you have about vowel symbols or properties?
 - [a] vs. [ɑ]?
 - Tense vs. lax?
 - Other?

4. Practice with consonant articulations

- What consonants are represented here?
 - State the properties and give the symbol
 - Note: vocal folds — open () or vibrating $\wedge \vee$?

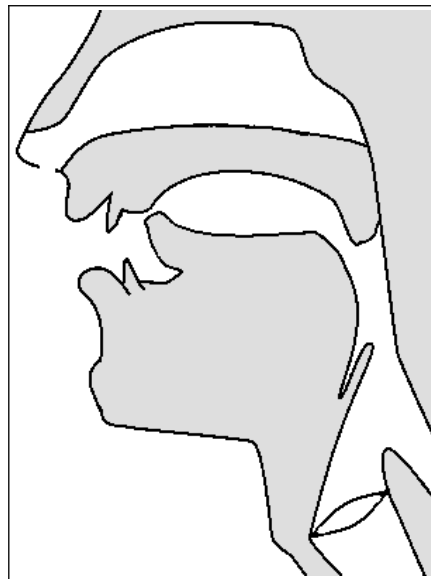
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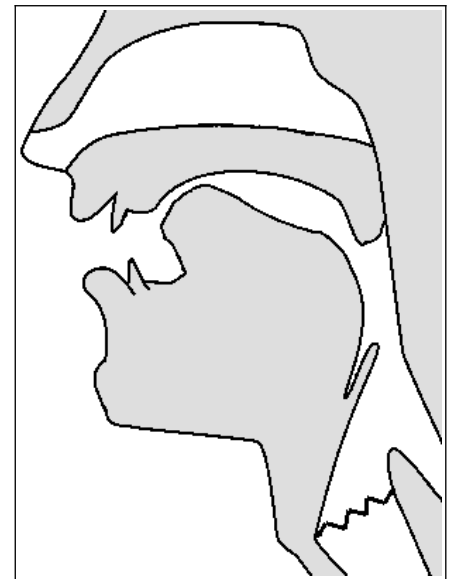
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5. Practice with vowel articulations

- How do these vowels **compare** with respect to height, backness, and rounding?



[\[hear it\]](#)



[\[hear it\]](#)



[\[hear it\]](#)

(links will open audio in new tab)

- MRI images and recordings of [Pat Keating](#), from the SPAN [Real-time MRI IPA Charts](#) project at U Southern California

6. Language and linguistics factoids

- Let's go around the room:
 - Remind us of your name
 - What languages besides English do you speak or have you studied?
 - What's something you have learned in a linguistics course that struck you as interesting/cool/surprising?