

Introduction

Purpose:

To develop interactive content to build content knowledge and skills for TESOL students enrolled in LING 3309: Linguistics for Language Teachers

Overarching questions to be answered:

- 1) What interactive activities can be built into an asynchronous online course to help students (a) develop better content knowledge and (b) practice critical skills in the field of Linguistics?
- 2) How will students respond to these interactive opportunities?
- 3) Will these interactive opportunities improve achievement of student learning outcomes?

The Problem

The Course:

LING 3309: Linguistics for Language Teachers is a fully online course required for the undergraduate TESOL certificate. Students work through modules on core areas of linguistics, including phonology, syntax, and meaning.

The Problems:

- 1) Students need to interact with the content and practice core skills
- 2) Presenting the practice as an additional assignment isn't ideal because it's a one size fits all approach. Some students have taken other linguistics classes that have introduced these concepts, so they may need less practice than others, while students new to the content may need more
- 3) Sending students outside of the LMS for interactive practice is possible, but the instructor cannot their participation or progress

A Potential Solution: H5P

H5P (HTML5 Package, H5P.com) is a plugin that can run interactive content and videos within the LMS. Instructors can pull reports to track student use. A variety of content options are available, including these:

Multiple Choice Create flexible multiple choice questions	Personality Quiz Create personality quizzes	Questionnaire Create a questionnaire to receive feedback	Quiz (Question Set) Create a sequence of various question types	Single Choice Set Create questions with one correct answer
Sort the Paragraphs Create a set of paragraphs to be sorted	Speak the Words Answer a question using your voice	Speak the Words Set A series of questions answered by speech	Structure Strip Interactive structure strip	Summary Create tasks with a list of statements
Timeline Create a timeline of events with multimedia	True/False Question Create True/False questions	Virtual Tour (360) Create interactive 360 environments	Complex fill the bla... Fill in the missing words	Interactive Video Create videos enriched with interactions

Some Examples from LING 3309: Linguistics for Language Teachers

Syntax
The Structure of Sentences

In Syntax, students learn that certain types of words appear in specific places in sentences. For example, nouns tend to come after articles. Students also use morphological endings, like plural -s, to identify parts of speech.

In this activity, students think about and choose the correct part of speech of nonsense words in Carroll's Jabberwocky. A following assignment asks them to give the part of speech and explain their reasoning for several of these. This allows the students to think about their response and check their answer, with the H5P activity, but they must articulate their own explanation for successful completion of the graded assignment.

Below is a section of Lewis Carroll's poem, The Jabberwocky. Your task is to determine the part of speech of each of the nonsense words that appear in the poem. In the blank following each word, tell whether word is a noun, verb, adjective, or adverb. Working through this activity is likely to help as you complete the syntax homework this week!

'Twas brillig, and the slithy toves
Did gyre and gimble in the
wabe :
All mimsy were the borogoves ,
And the mome raths outrgape.

Phonology and the International Phonetic Alphabet:
Learning the Sounds of Languages

/i/ green	/ɪ/ mint	/eɪ/ grey	/ɜ/ red	/ə/ black	/ɪ/ mustard	/ɔ/ olive
/ɑ/ wood	/u/ blue	/o/ yellow	/ə/ white	/ɔ/ brown	/ɔɪ/ turquoise	/ə/ schwa unstressed
/ɜ/ purple	/ɔ/ orange	/ə/ charcoal				
bed	rose	food	you	back	love	
/ɜ/ red						

<https://h5pstudio.ecampusontario.ca/content/1919>

The IPA (international Phonetic Alphabet) is typically one of the most difficult concepts to master for new linguists. Students must, in essence, learn a new alphabet. With H5P, they can practice in a variety of ways until they master the content.

Match-up opportunities allow students to check their knowledge by matching a particular vowel or consonant in a word to its appropriate IPA symbol

Consonant-Symbol Match Up

/p/	/b/	/t/	/d/	/tʃ/	/dʒ/	/k/	/g/
/f/	/v/	/θ/	/ð/	/s/	/z/	/ʃ/	/ʒ/
/m/	/n/	/ŋ/	/h/	/l/	/r/	/w/	/j/

Yellow Cap mouth please garage
/ɪ/ /k/ /t/ /s/ /ʒ/

Thin Boy isThere This SHip
/θ/ /b/ /b/ /b/ /ʃ/

Never ENGLISH Zero rING Celery
/n/ /ɪŋ/ /z/ /r/ /s/

ASKa Sugar Waterloo Five iPhone
/s/ /ʒ/ /w/ /f/ /p/

<https://h5pstudio.ecampusontario.ca/content/1906>

Next to each word written in IPA, write its orthographic form

ə'mʌŋ among
bju:ti beauty
kə'rekt correct
dɪ'saɪd
i:
fæ'mo:li
gə'fi:ti
hæt

While many of the IPA activities work on individual sounds, this activity requires that students translate words written in IPA to their typical orthographic form in English.

In this memory match activity, students match an IPA symbol with the correct phonetic descriptors (Lynnguist @ <https://h5p.org/node/808737>)

Thoughts on H5P

1. H5P is very user-friendly
 - a. Students find it easy to use
 - b. Instructors can easily add H5P content to their classes without spending time on a steep learning curve
2. H5P is used by many other instructors, so there are many ready-made activities that you can pull from.
 - a. H5P.com
 - b. <https://h5pstudio.ecampusontario.ca/>
3. Students can practice multiple times if needed
4. H5P integrates with Canvas so it's easy to add content to modules

Add Item to Phonology

Add External Tool to Phonology

Select a tool from the list below, or enter a URL for an external tool you already know is configured with Basic LTI to add a link to it to this module.

H5P

Create, share and reuse interactive HTML5 content in your browser

Moving Forward with H5P

H5P is a great tool to add interactive content to online courses! Students can practice concepts and interact with content easily and on their own time.

I've been adding H5P content to the modules for LING 3309, and for Fall 2022, I plan to have H5P interactions throughout the course. This will allow me to directly compare student scores and performance in Fall 2021 vs Fall 2022.

Students will also have a chance to share their thoughts on the H5P content and interactions through informal surveys in the course.

As we consider whether to keep the textbook, change it, or create our own Open Educational Resource for the class, the ability to integrate H5P into Pressbooks may help us move forward with OER creation for this course.