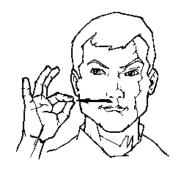
What is Language?

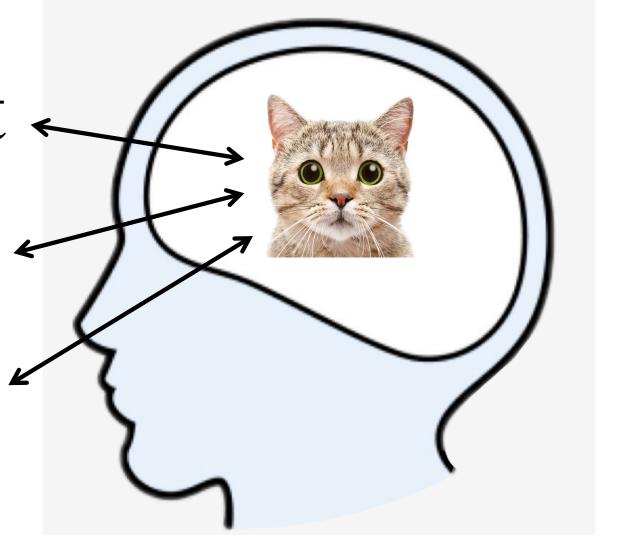
Language connects FORM and MEANING

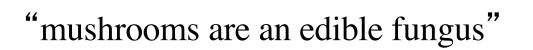
speech: kæt «

writing: cat <

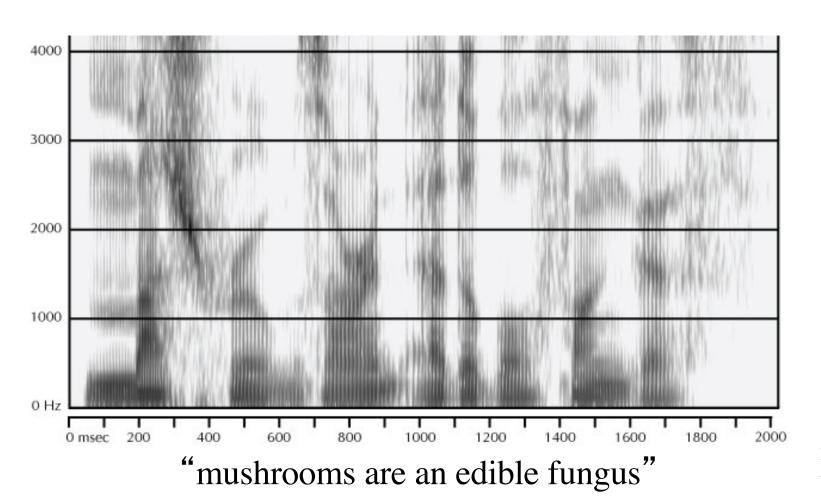
sign:





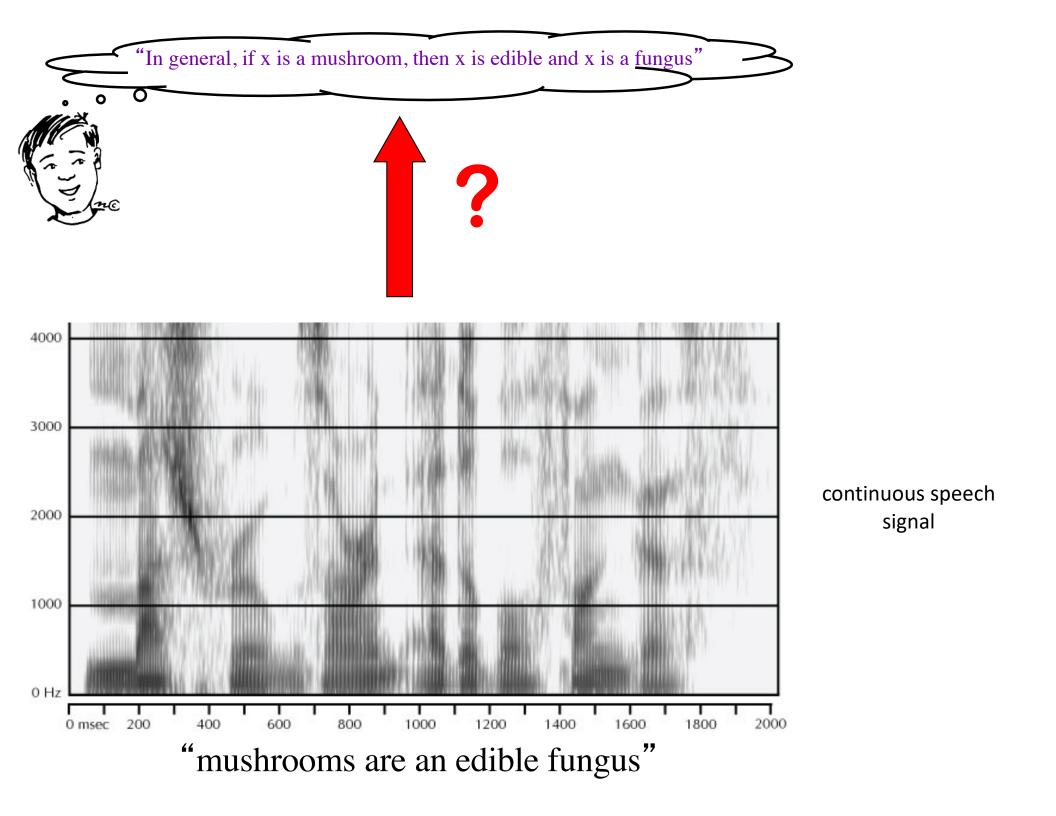


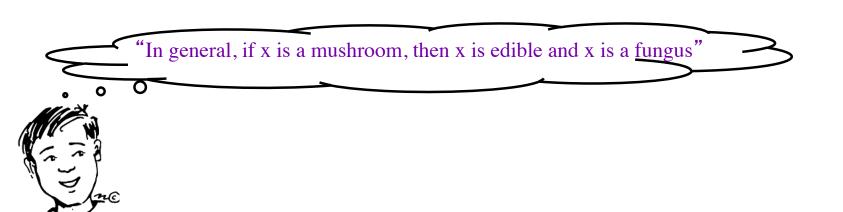
Spectrogram: Representation of sound amplitude across different frequencies over time.

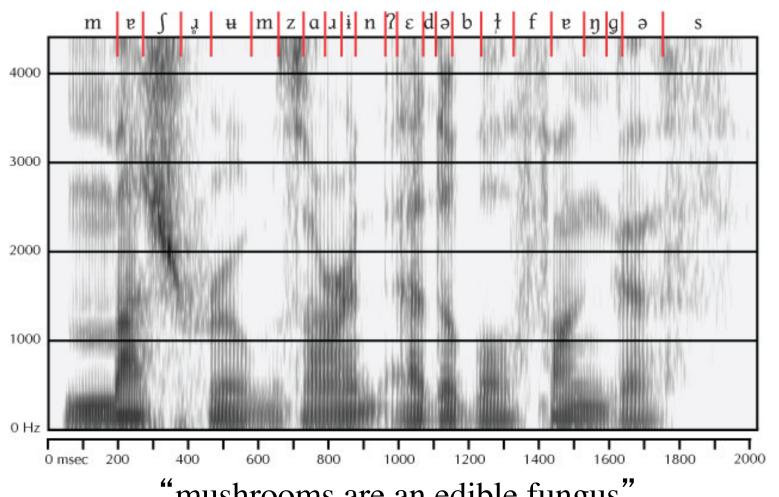


continuous speech signal

http://home.cc.umanitoba.ca/~robh/archives/arc0610.html



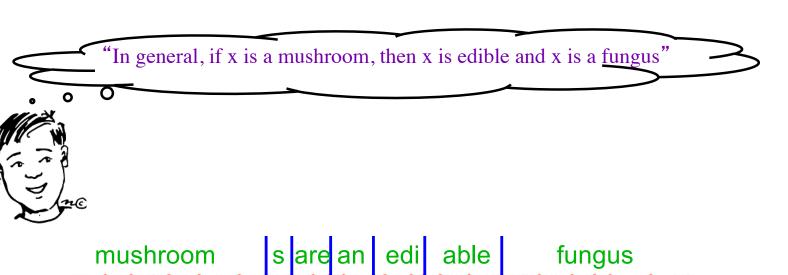


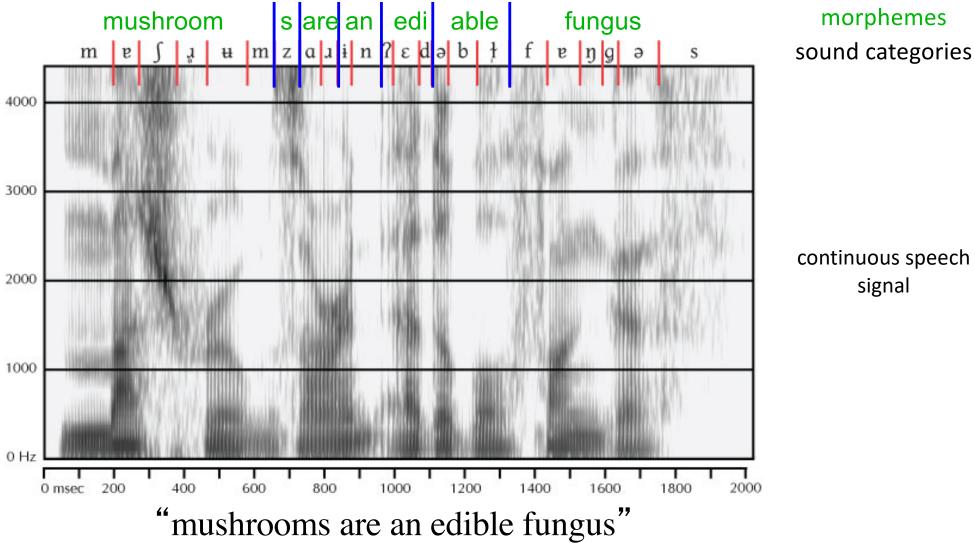


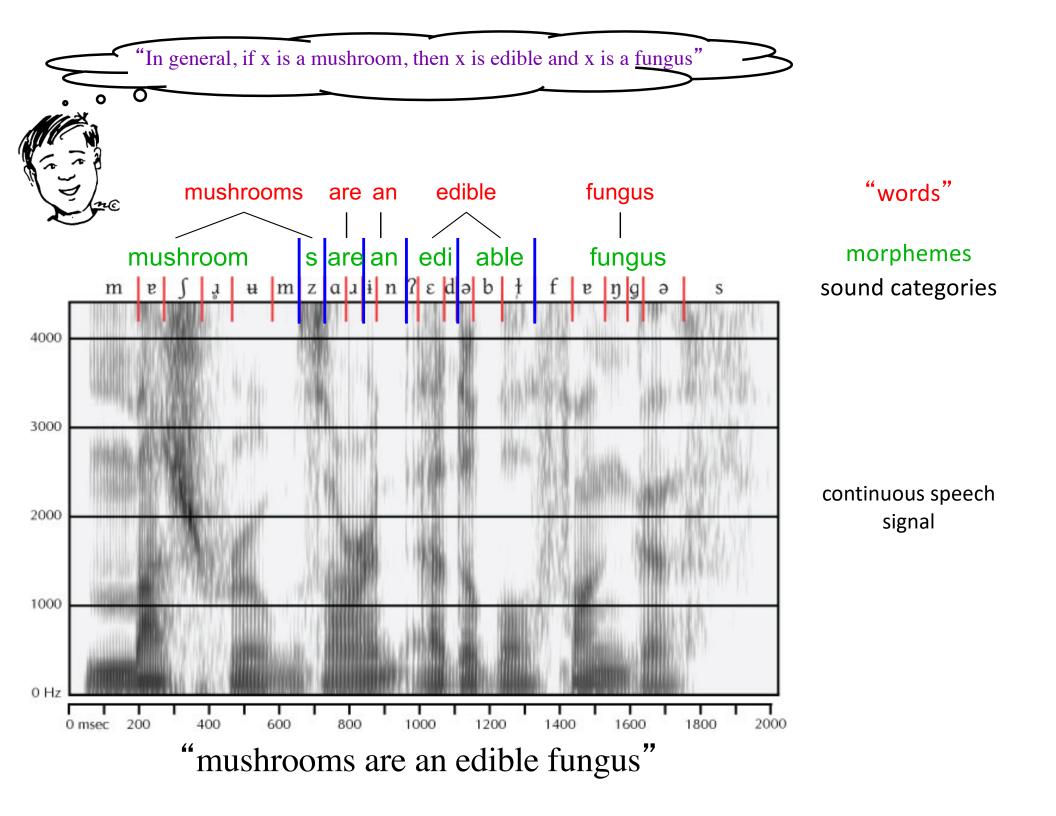
sound categories

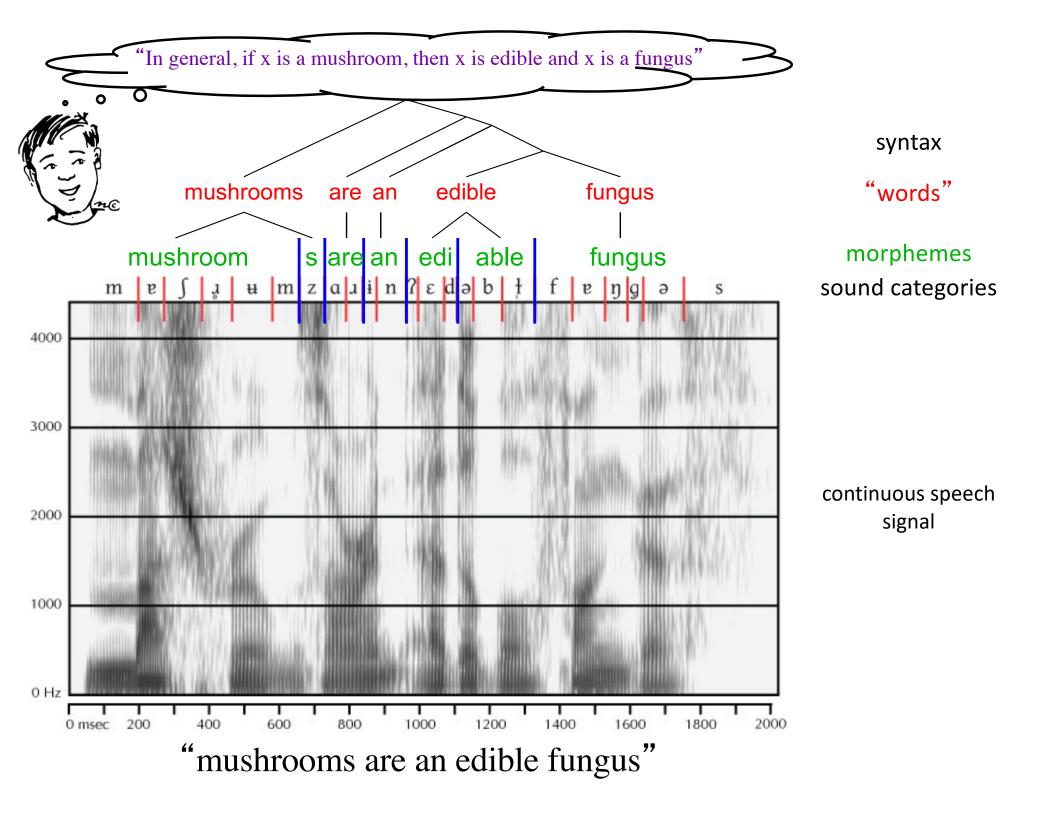
continuous speech signal

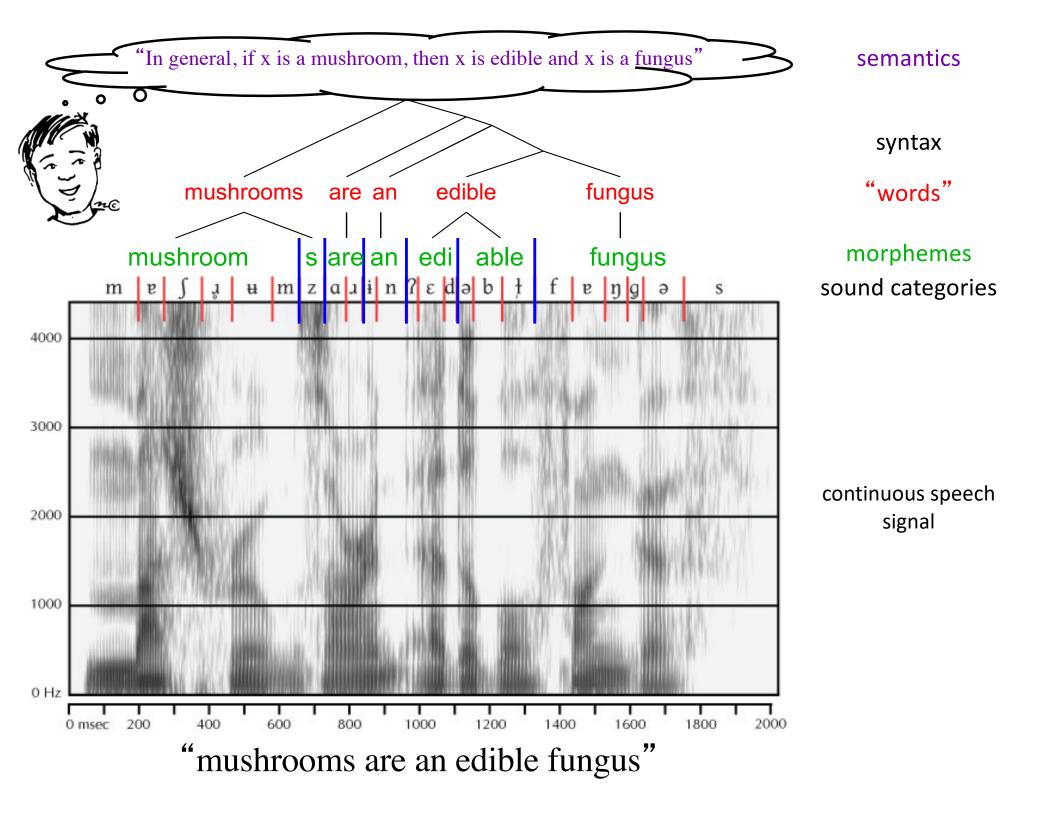
"mushrooms are an edible fungus"











■ The meanings of linguistic expressions - <u>Semantics</u>

semantics

■ Study of the internal structure of sentences - <u>Syntax</u>

syntax

■ Study of the internal structure of words - Morphology

"words"

Study of the abstract categories of speech sounds: <u>Phonology</u>

morphemes sound categories

Study of speech sounds: <u>Phonetics</u>

continuous speech signal

So what is LANGUAGE?

A system with multiple levels of representation that allows us to connect

MEANING to FORM (in language production) and

FORM to MEANING (in language comprehension)