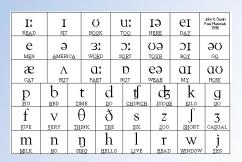
Overview of language

What?

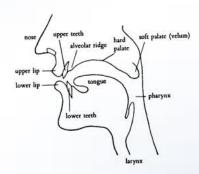
 Method of communication, either spoken or written, consisting of the use of words in a structured and conventional way

Note

- Point-of-view: Speaker's or writer's
- Content: their thoughts



Phonetics Phonology (Sound)







LOOK, LIUST SHOWED YOU THAT I CAN READ THOUGHTS, DIDN'T I? NOW STOP MAKING EXCUSES AND COUGH UP THAT

> Semantics **Pragmatics** (Meaning)

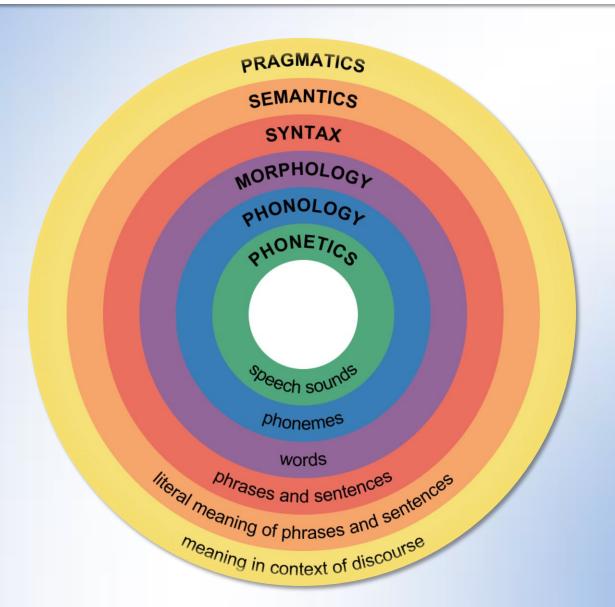




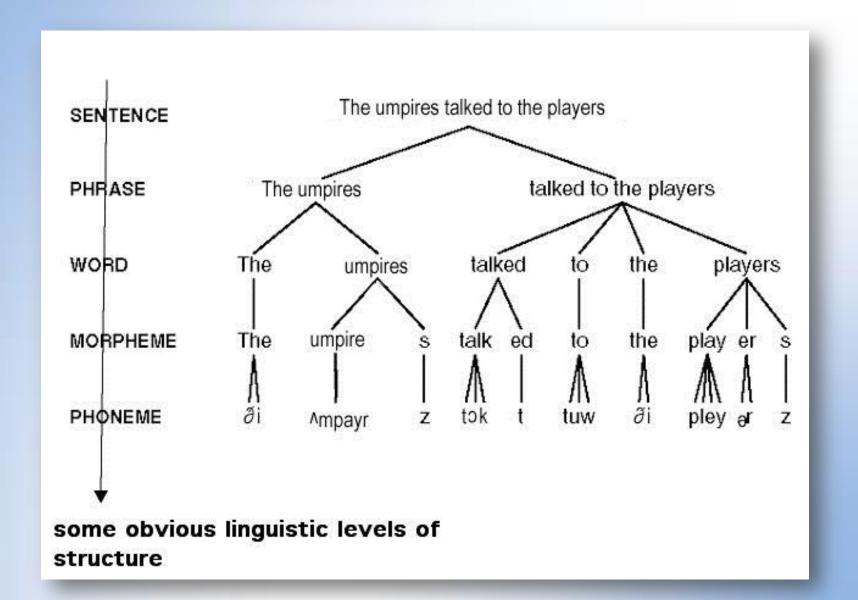


BASE WORDS

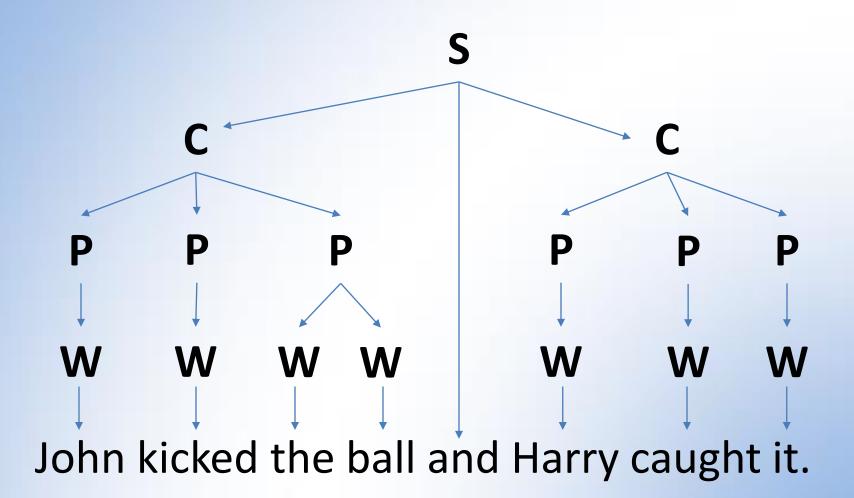




```
Acoustic signal
                Phonology,
                phonetics
                             \Lambda/-> sh
    Phonemes
                 Lexicon
    Morphemes
                             wait + ed -> waited, cat -> cat
                Morphology
      Words
                             wait -> V. cat -> N
                                                               NP
                 Syntax
                                    NP
    Sentences
                              The (D) farmer (N) hit (V) the (D) donkey (N).
                 Semantics,
    Meaning
                              Every farmer who owns a donkey beats it.
                 Discourse
                              \forall x \forall y (farmer(x) \land donkey(y) \land own(x, y)
                              \rightarrow beat(x, y))
Isabelle Augenstein
```

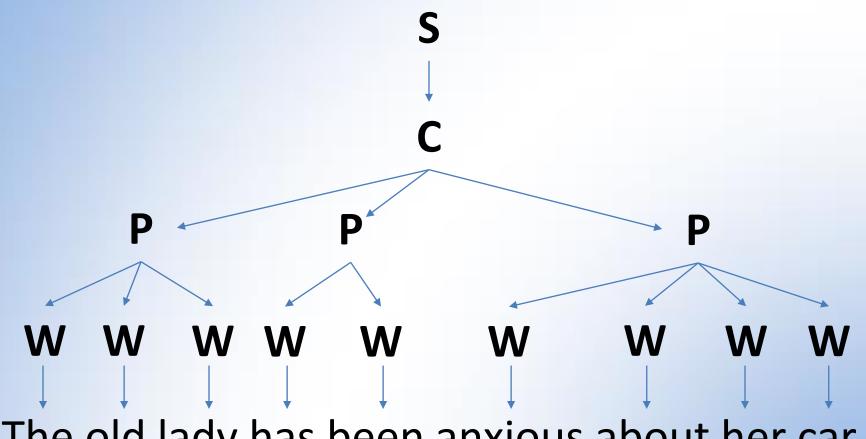


Sample tree diagrams



S: Sentence **C**: Clause **P**: Phrase **W**: Word

Sample tree diagrams



The old lady has been anxious about her car.

S: Sentence C: Clause P: Phrase W: Word

Small tests – Build tree diagrams

- Go away!
- Jim sold his bicycle to a friend.
- Martha loves cats.
- The two men were fishing for trout in the clear stream beside the woodman's cottage.
- The committee elected the oldest member president for the coming year.
- Your apple pie looks really delicious.

Small tests – Build tree diagrams

- Young Jim has been looking for tadpoles in the village pond.
- She gave him a look which betokened the trouble.
- Old Mother Hubbard went to the cupboard to fetch her poor dog a bone.
- When she got there the cupboard was bare, and so the poor dog had none.

Small tests – Hints

- Go / away!
- Jim / sold / his bicycle / to a friend.
- Martha / loves / cats.
- The two men / were fishing / for trout / in the clear stream / beside the woodman's cottage.
- The committee / elected / the oldest member / president for the coming year.
- Your apple pie / looks / really delicious.

Small tests – Hints

- Young Jim / has been looking for / tadpoles / in the village pond.
- She / gave / him / a look which betokened the trouble.
- Old Mother Hubbard / went / to the cupboard / to fetch her poor dog a bone.
- When / she / got / there / the cupboard / was / bare /, and / so / the poor dog / had / none.

Any question?

