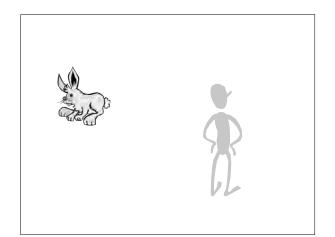
## Psych 56L/ Ling 51: Acquisition of Language

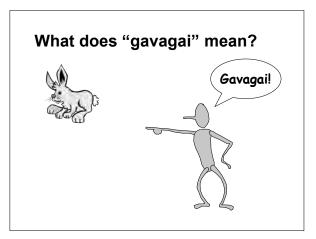
Lecture 11 Lexical Development III

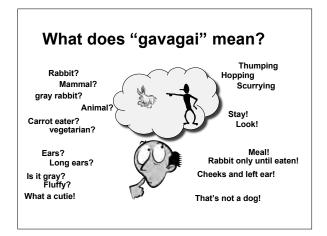
### Announcements

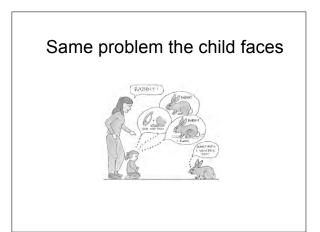
Pick up your midterm & HW1 if you haven't yet

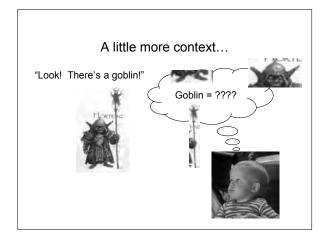
Be working on HW2 (due 2/17/11)Note: Remember that working in a group can be very beneficial.

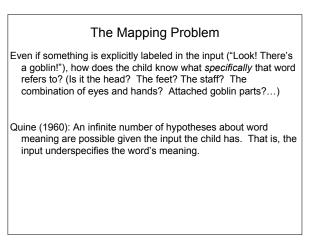


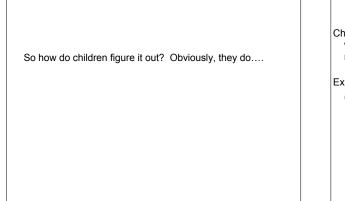


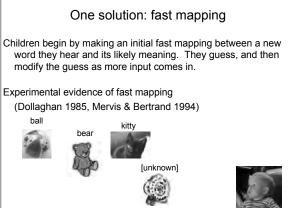


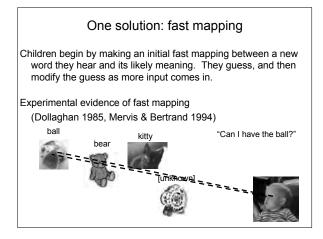


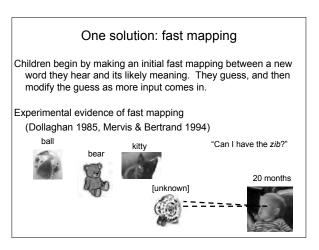


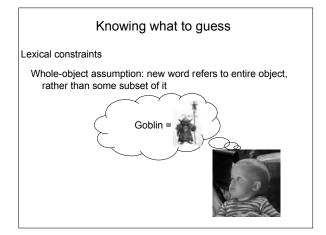


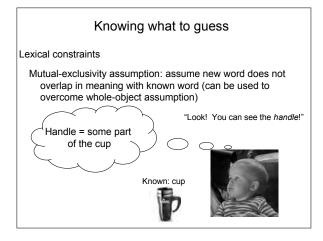


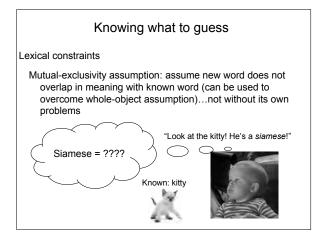


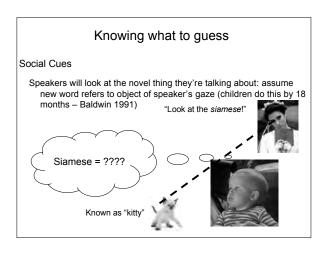


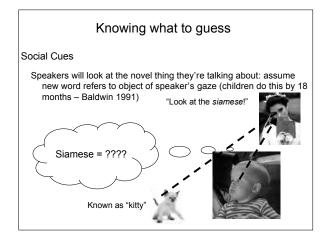


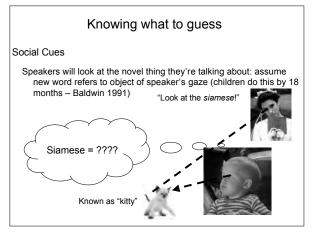


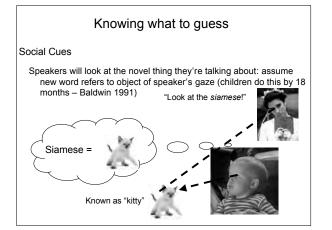


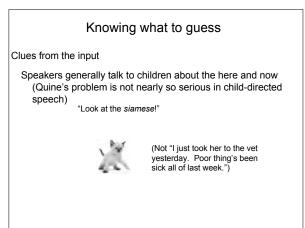












### Knowing what to guess

### Clues from the input

Speakers also sometimes provide explicit correction for meaning, and provide additional information about the word's meaning.



"Can I see the bugs again?"

"Those are goblins, honey, not bugs. Goblins live in the Labyrinth and occasionally take naughty children away."

### Knowing what to guess

### Clues from the syntactic structure

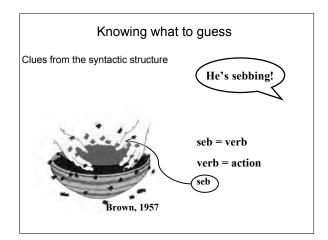
Different grammatical categories (nouns, verb, etc.) tend to have different meanings. Once children have identified some grammatical categories (after ~18 months), they can use the syntactic structure (how words appear together) as a clue to meaning.

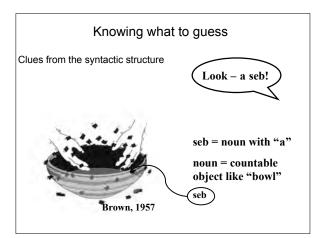


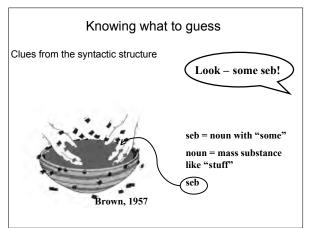
"Those are goblins."

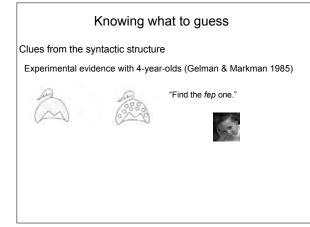
goblins = noun nouns = objects

goblins =









# Knowing what to guess Clues from the syntactic structure Experimental evidence with 4-year-olds (Gelman & Markman 1985) Find the fep one."

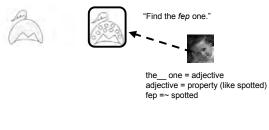


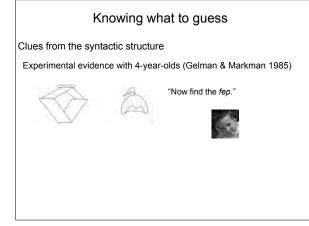
the\_\_ one = adjective adjective = property (like spotted) fep =~ spotted

### Knowing what to guess

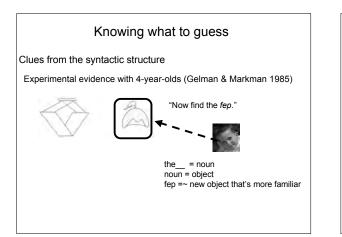
Clues from the syntactic structure

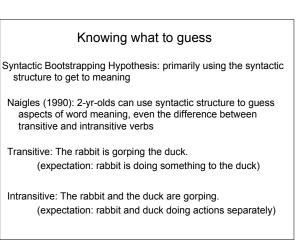
Experimental evidence with 4-year-olds (Gelman & Markman 1985)





## Knowing what to guess Clues from the syntactic structure Experimental evidence with 4-year-olds (Gelman & Markman 1985) "Now find the *fep*." "Now find the *fep*." the\_\_ = noun noun = object fep =~ new object that's more familiar







Words != Concepts Words and concepts do not map one-to-one. Lexical gaps: concepts that have no words associated with them "couch hole" = gap between couch cushions child has to be careful to avoid when walking across the couch ????

## Words != Concepts

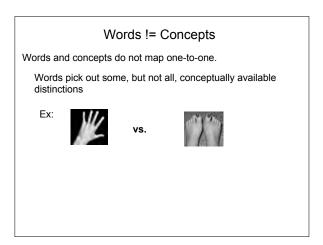
Words and concepts do not map one-to-one.

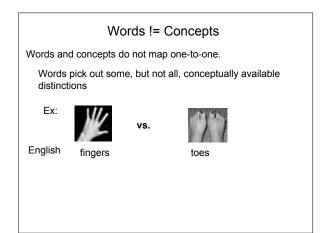
Lexical gaps: concepts that have no words associated with them

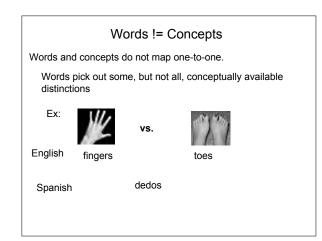
"couch hole" = gap between couch cushions child has to be careful to avoid when walking across the couch

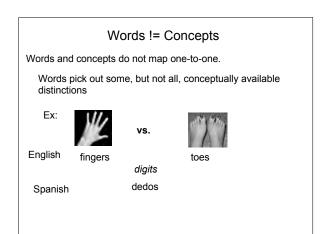
"couch hole"

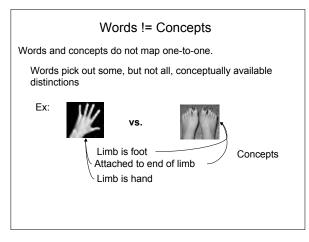


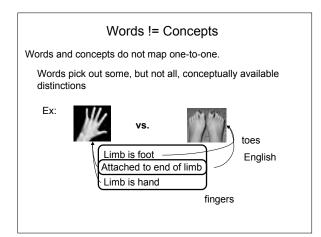


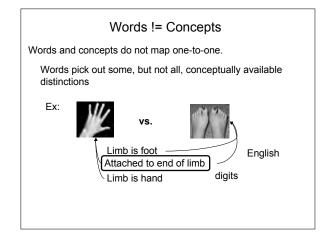


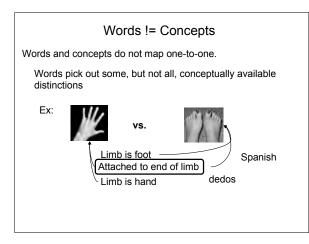


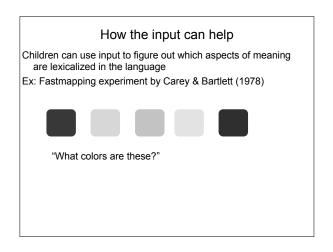


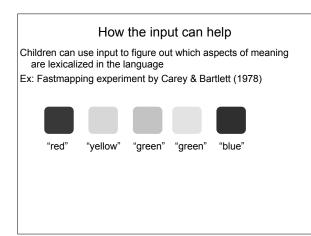


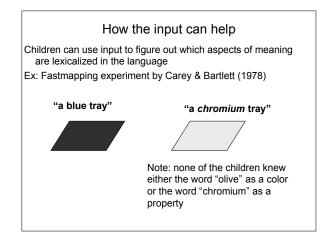


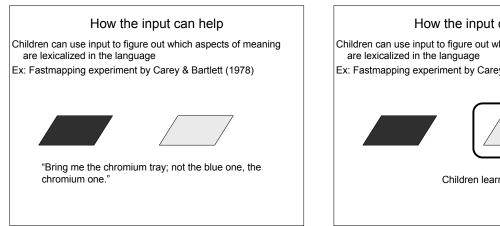


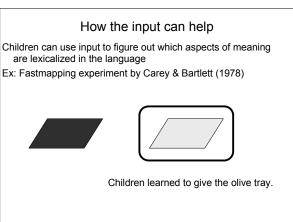


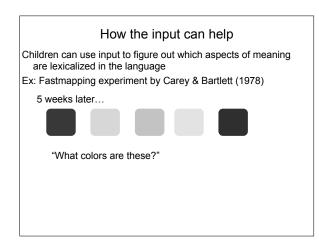


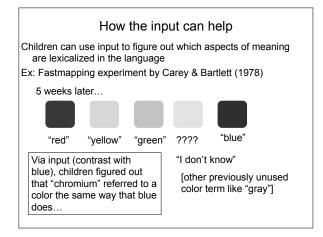


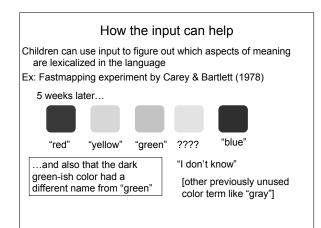


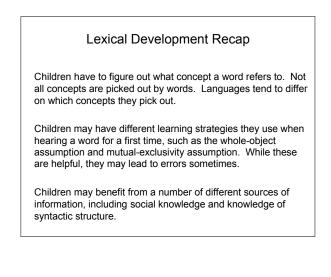












# Questions?



You should be able to do all the questions on HW2 and all the review questions for lexical development.