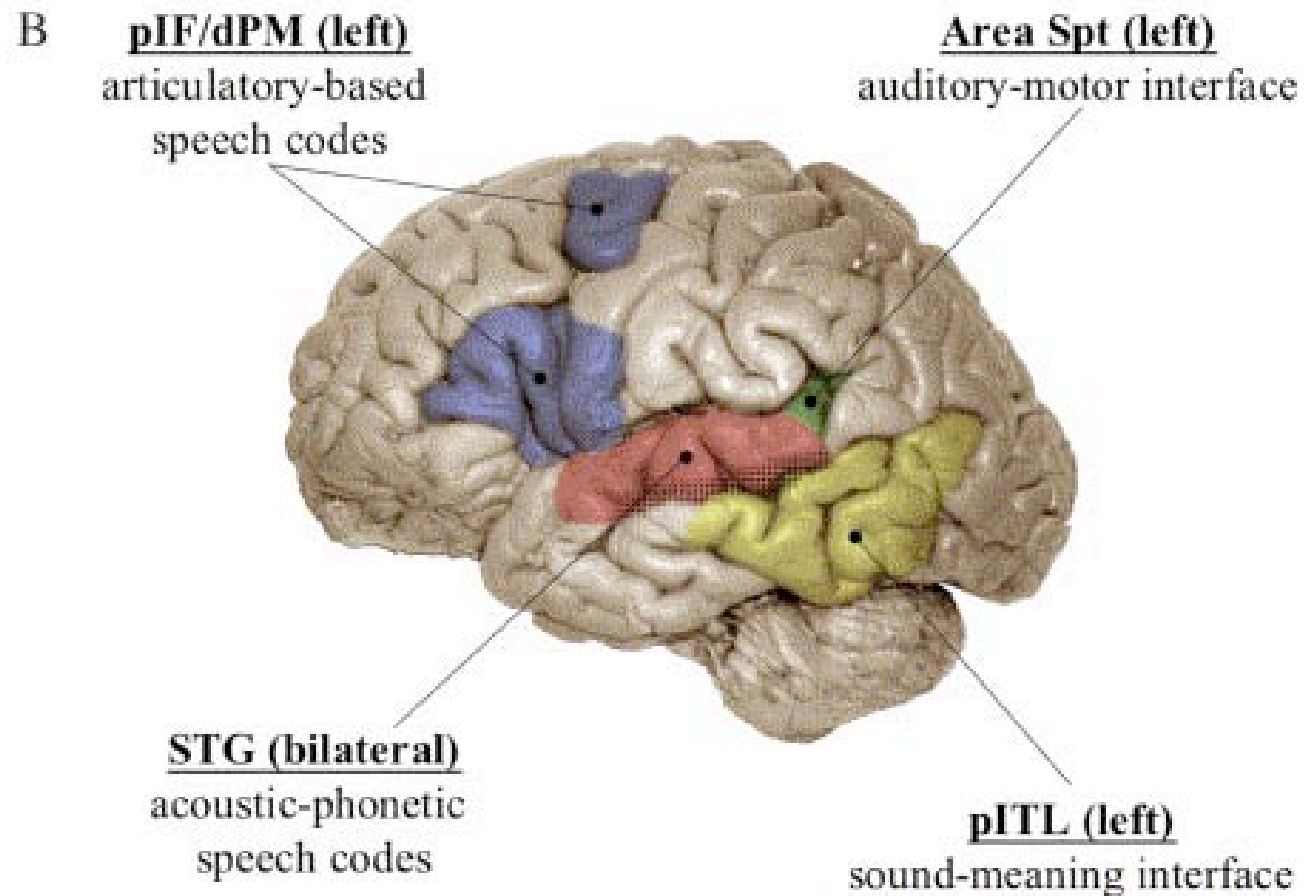
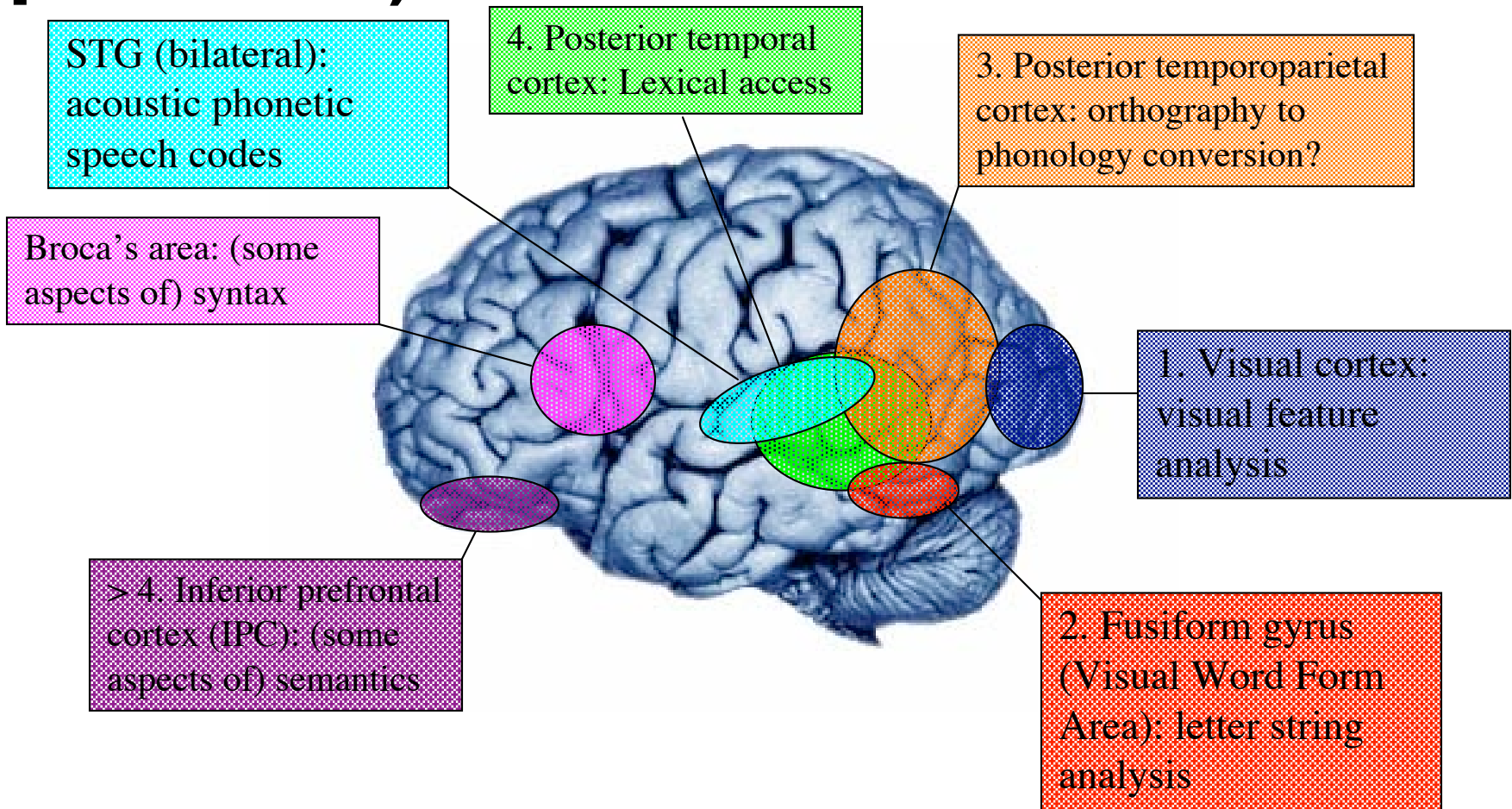


# Hickok & Poeppel model of auditory language processing. (H&P 2004)

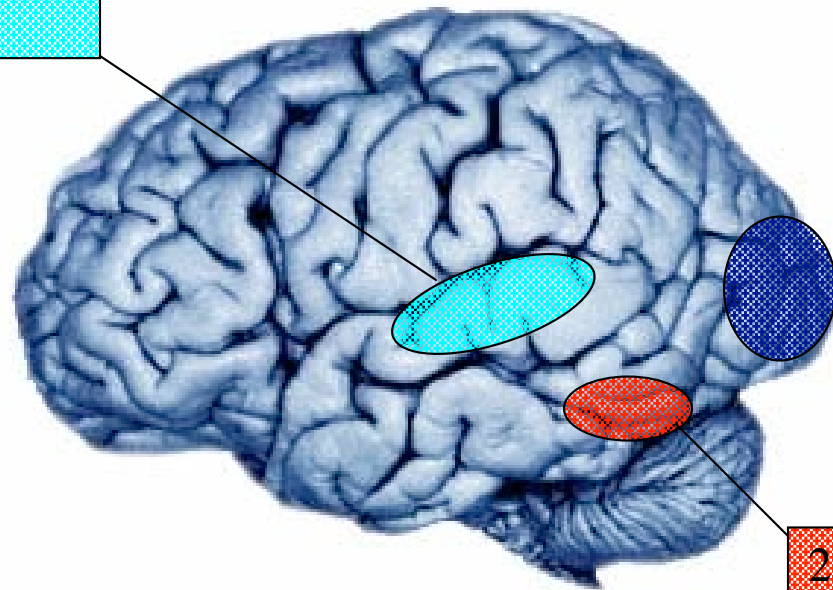


# Extended model including reading and sentence level processing (ignores production)



# DAY 1: Early modality dependent processing

STG (bilateral):  
acoustic phonetic  
speech codes

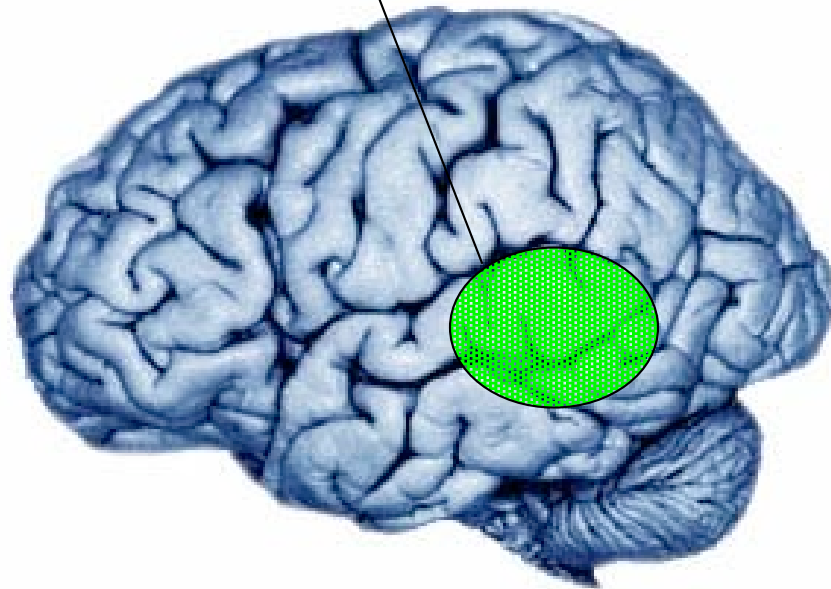


1. Visual cortex:  
visual feature  
analysis

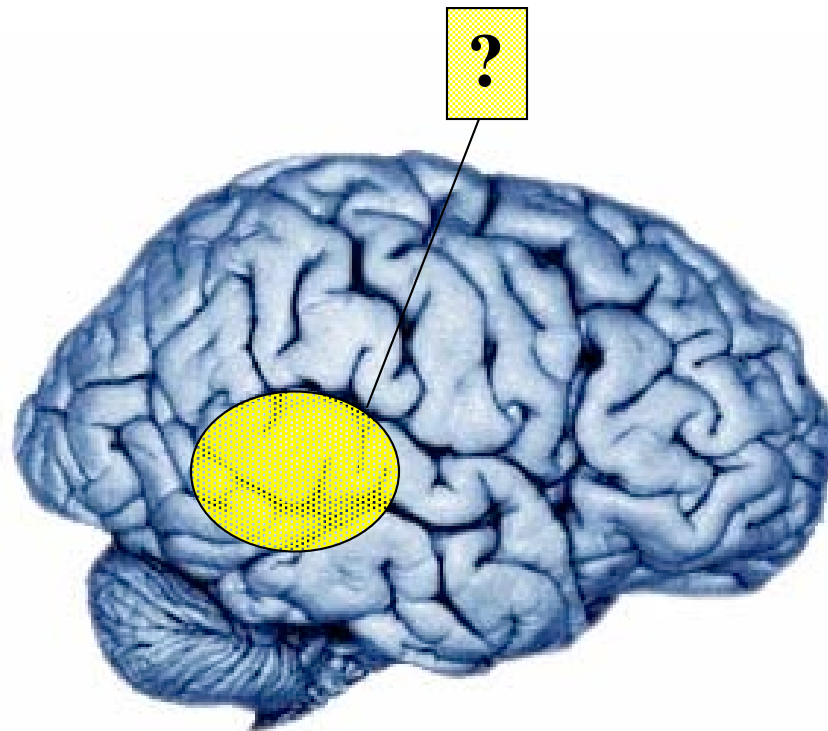
2. Fusiform gyrus  
(Visual Word Form  
Area): letter string  
analysis

# DAY 2: Lexical access & morphology

4. Posterior temporal cortex: Lexical access

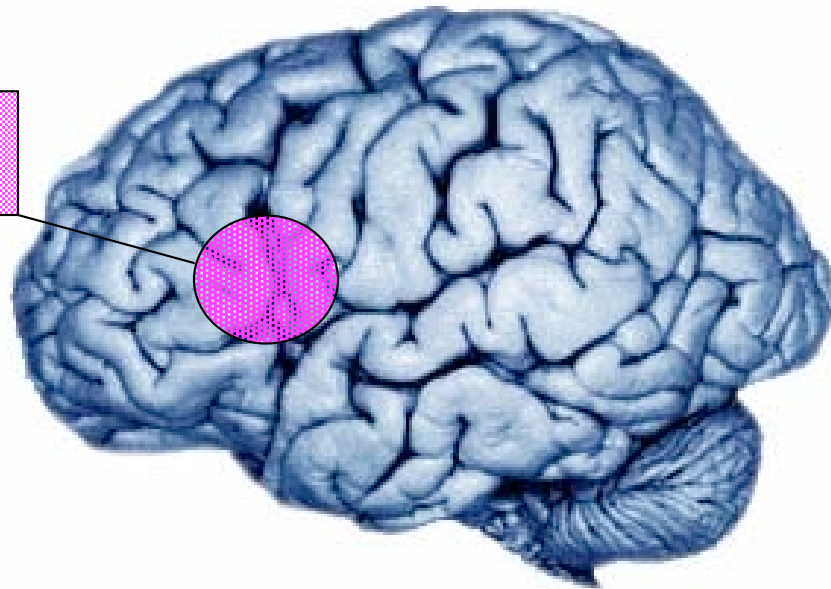


# **DAY 3: Role of the RH in lexical semantic processing**

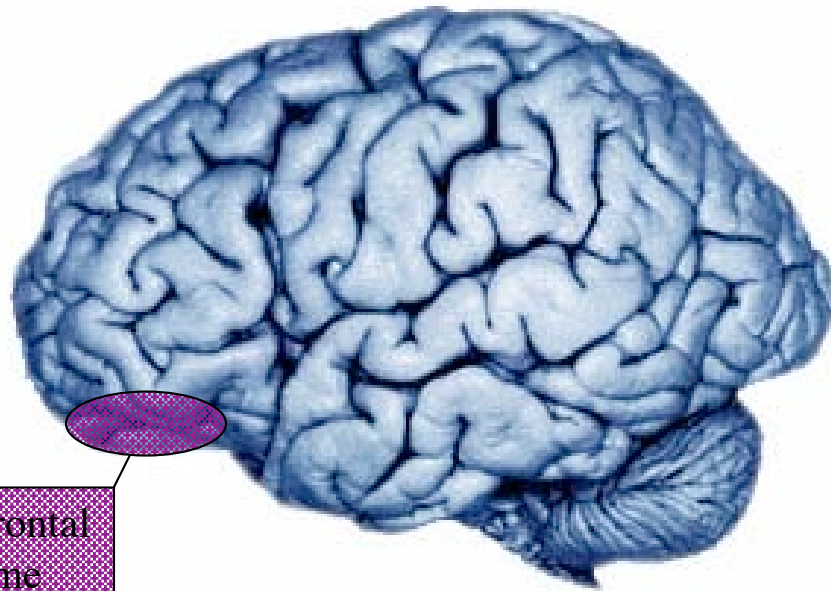


# DAY 4: Syntax and Broca's area

Broca's area: (some aspects of) syntax



# DAY 5: Role of inferior prefrontal cortex in semantic processing



> 4. Inferior prefrontal cortex (IPC): (some aspects of) semantics