

Embodied Cognition & Aphasia

COGS 1 Week 4, Section A03

Reminders + Upcoming Week

- Office hours today!
 - Alexandra: 6-7PM, CSB 114
 - EM-J: 6-7PM, CSB 228
- Also office hours tomorrow!
 - Colin: 2-3PM, CSB 114
- Guest lectures this week!
 - Professor Deák: Early social development
 - Professor Creel: Language development
- **Keep attending lectures**

Some tidbits...

1. Section assignment turn-in recommendation: do it ASAP!
2. Stop by office hours
3. Did we mention to keep attending lectures?



me @ yall to come to OH

Keep this attendance up for
no final (and midterm...)



Tuesday: Embodied Cognition

Embodied Cognition Breakdown

Main concept: time + incorporation into spatial definitions

- Notions of time
 - Spatially vs non-spatially
- Conception of time (physically)
 - Clocks, brain waves, circadian rhythms, etc.
 - “Launch towards the future”
- Perceptions of time in spatial terms
 - Object, ego, geo-centered references
- Utilizing co-speech production to understand time (and other abstract concepts)

TLDR: “**Knowing is seeing**”



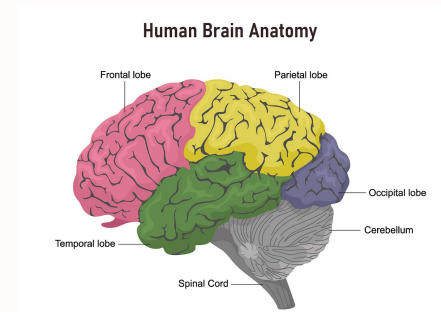
Thursday: Lateralization of the body

Lateralization Breakdown

Main concept: parts of brain + incorporation of speech

- Parts of the brain
 - Frontal, parietal, temporal, and occipital lobes
- Split brain function
 - Right hemisphere = left side
 - Left hemisphere = right side
- Motor control
 - Wada Test
- Speech and lateralization
 - Broca's and Wernicke's aphasia

TLDR: **Being left/right brained isn't what you thought**



Thought Experiments: Time Construals and Brain Lateralization