

Definitions: Aphasia

Common Causes:

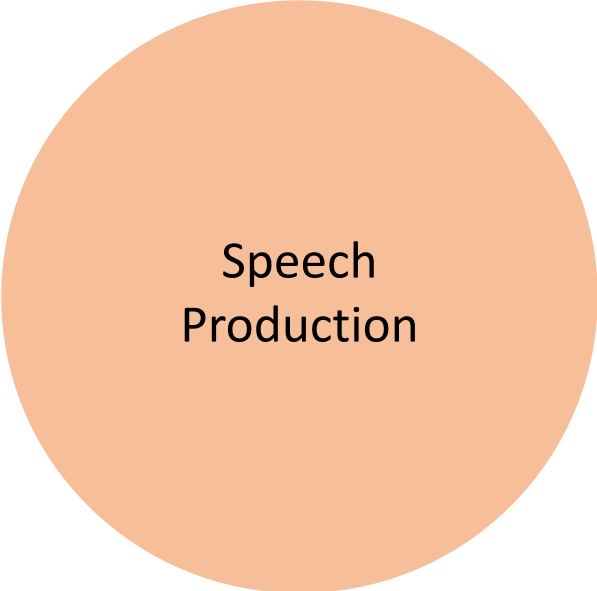
- Stroke
- Neurodegeneration
- Traumatic Brain Injury
- Tumors



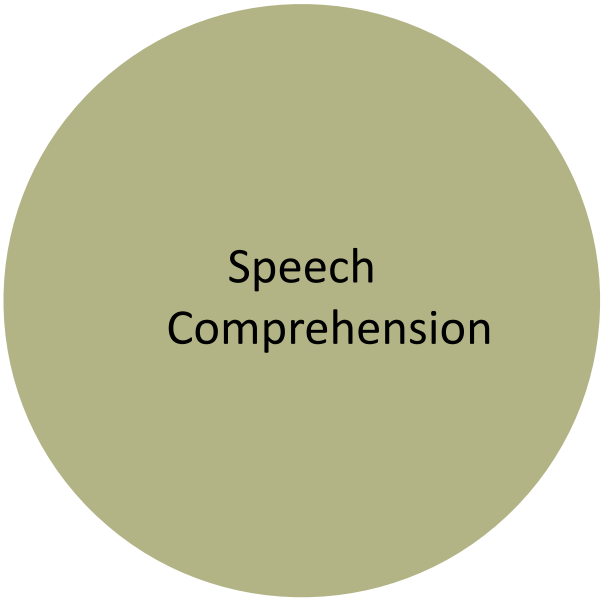
Reading

A large, solid gray circle occupies most of the frame. In the lower portion of the circle, the word "Writing" is written in a black, sans-serif font.

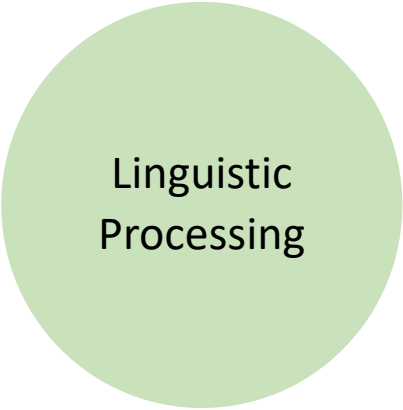
Writing



Speech
Production



Speech
Comprehension



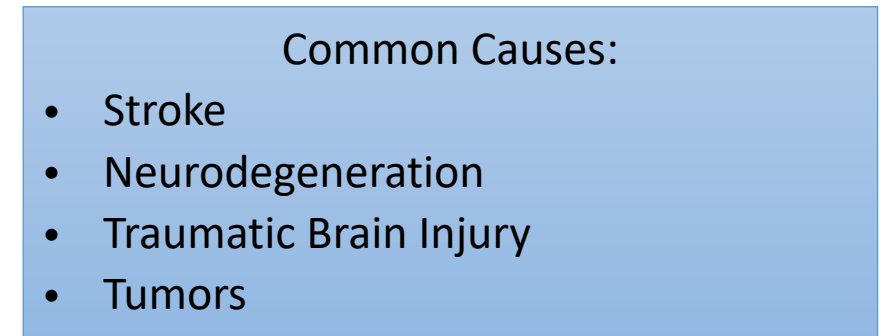
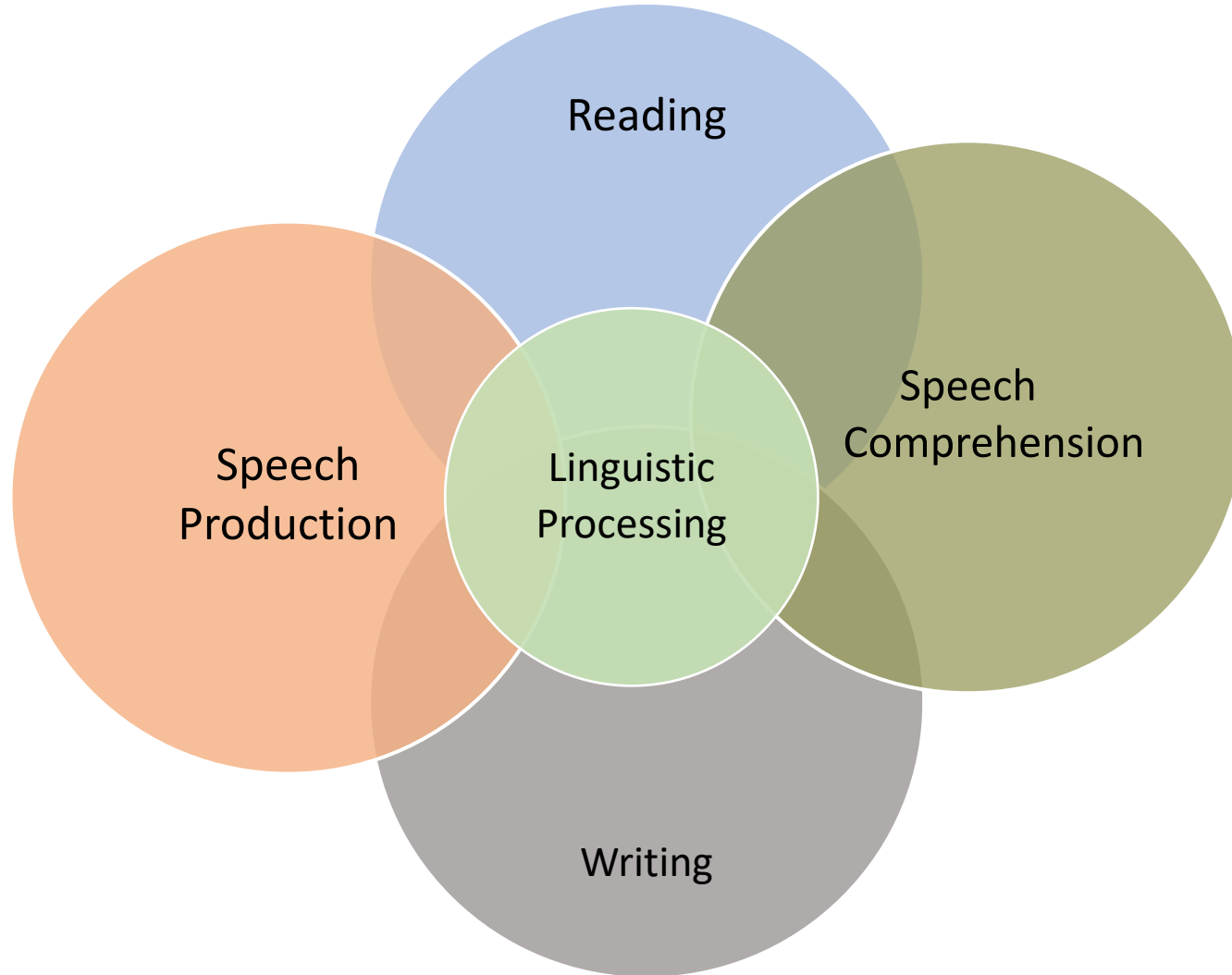
Linguistic Processing

Functional communication:

- Emotions self-monitoring
- Theory of Mind
- Humor
- Aesthetics



Definitions: Aphasia



Definitions: Remediation and Compensation

- **Remediation** refers to the return to premorbid language production, representation, and comprehension.
- **Compensation** refers to a patient's use of their residual communication abilities to achieve the task, enhance social participation, communication, and improve quality of life.
- An implicit assumption of aphasia recovery is that *plastic structural and functional brain changes support treatment, assessment, and recovery from aphasia*.
- '[l]earning is required for both true recovery and compensation' (Krakauer, 2006)