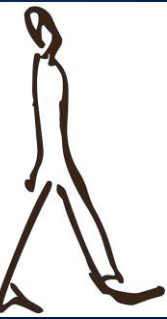


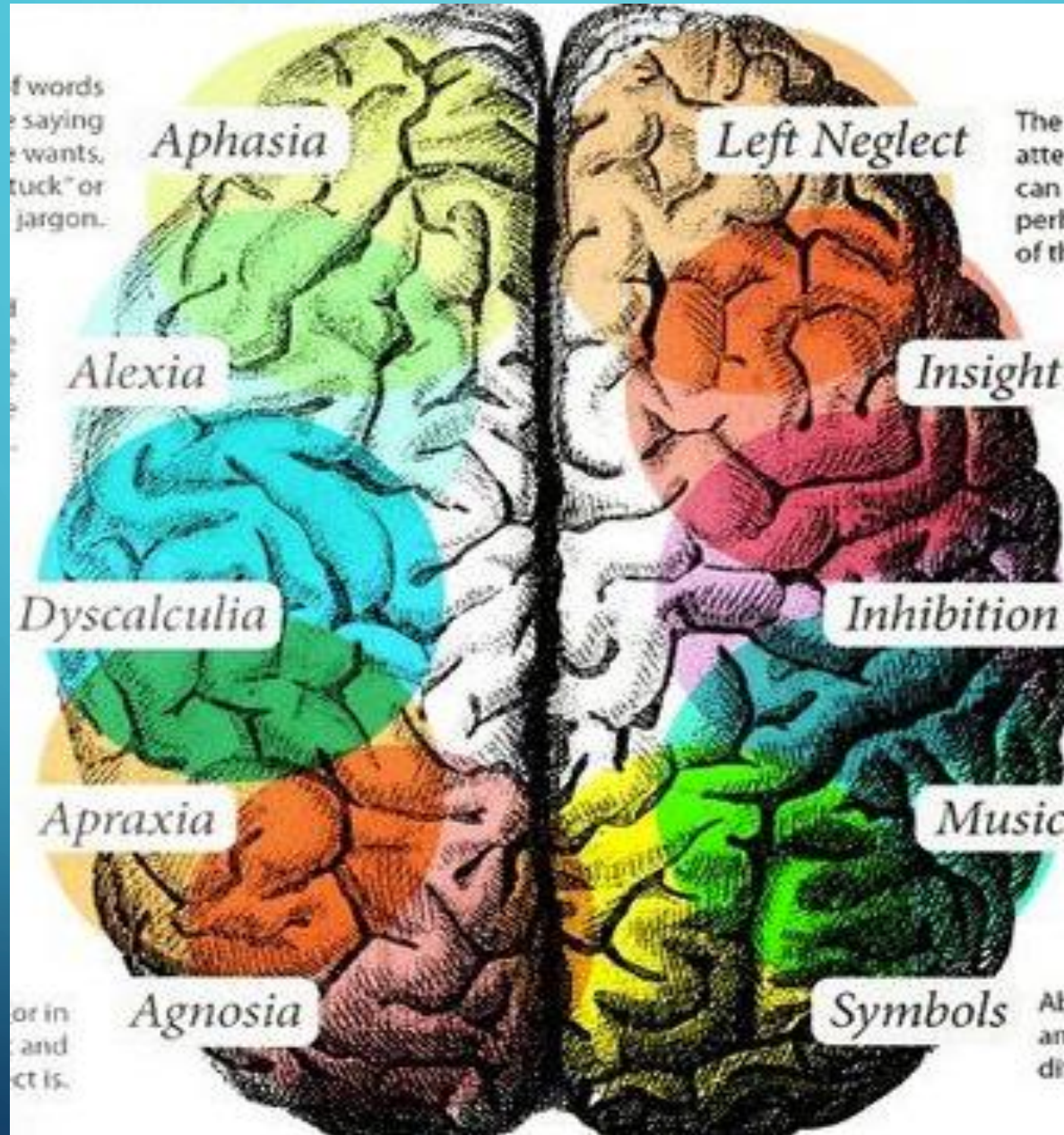
KNOW YOUR BRAIN

APHASIA AND COGNITION

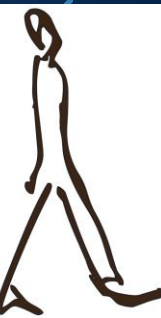


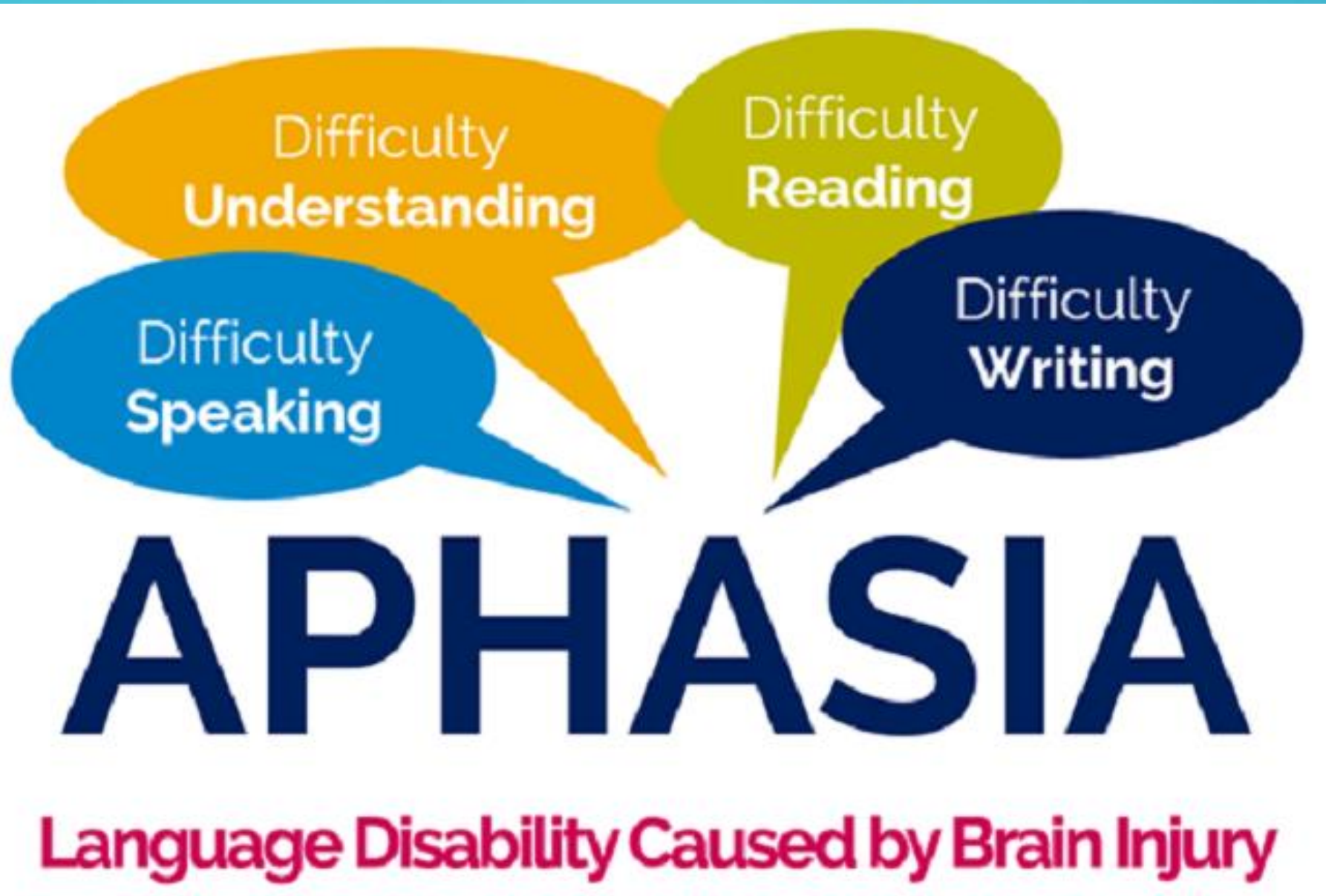
COGNITION AND SPEECH

Left



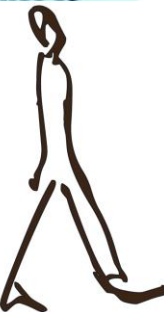
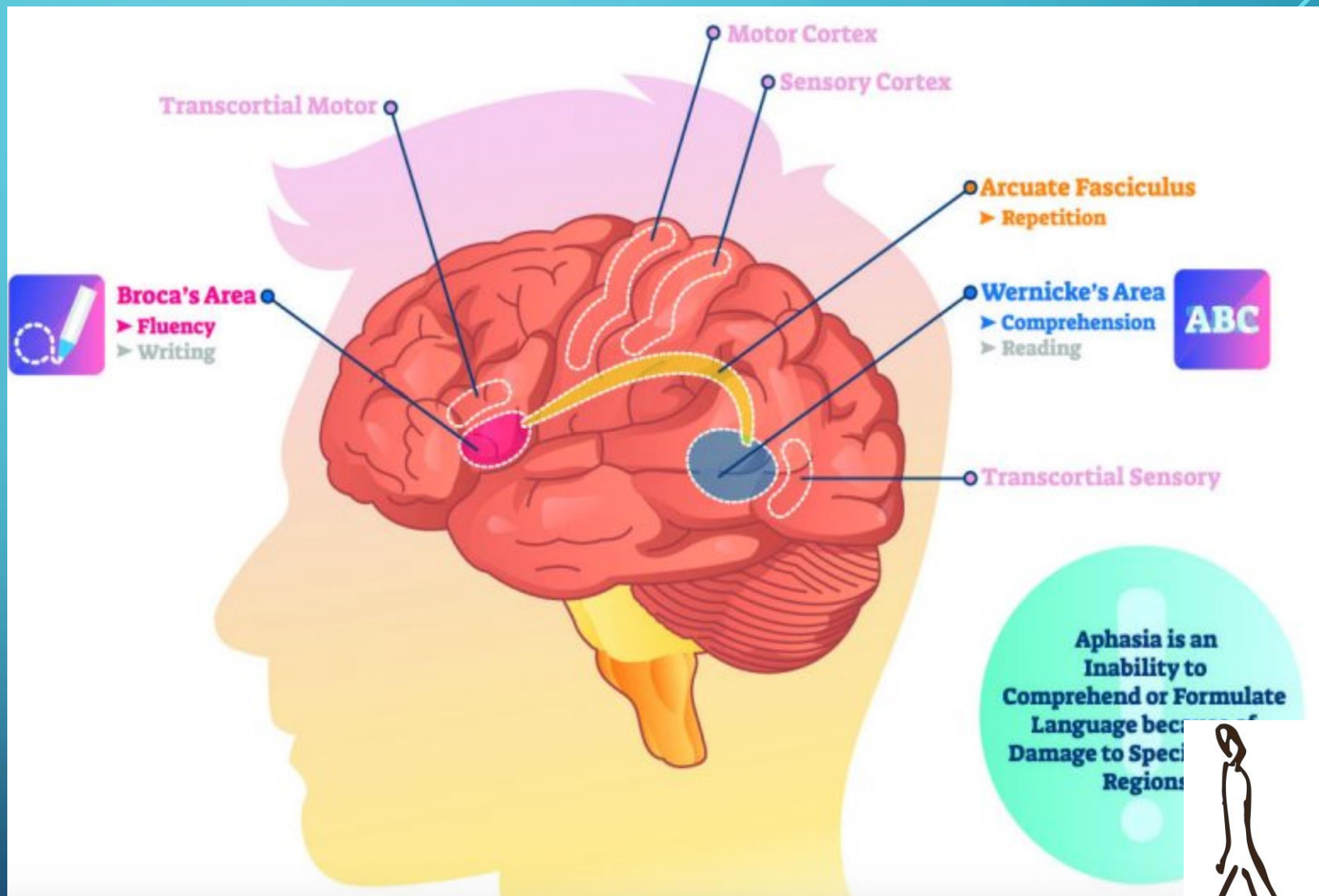
Right





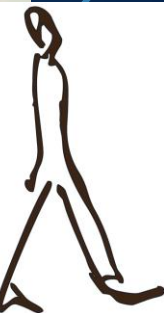
THE LANGUAGE LOOP

The language loop is found in: the left hemisphere in about 95% of right-handed persons and 70% of left-handed persons.



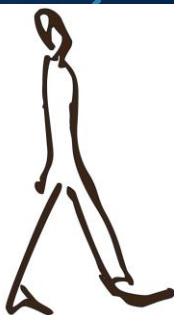
WERNICKE'S AREA

- In the Temporal Lobe
- In charge primarily of:
 - Understanding
 - Reading



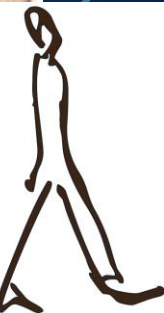
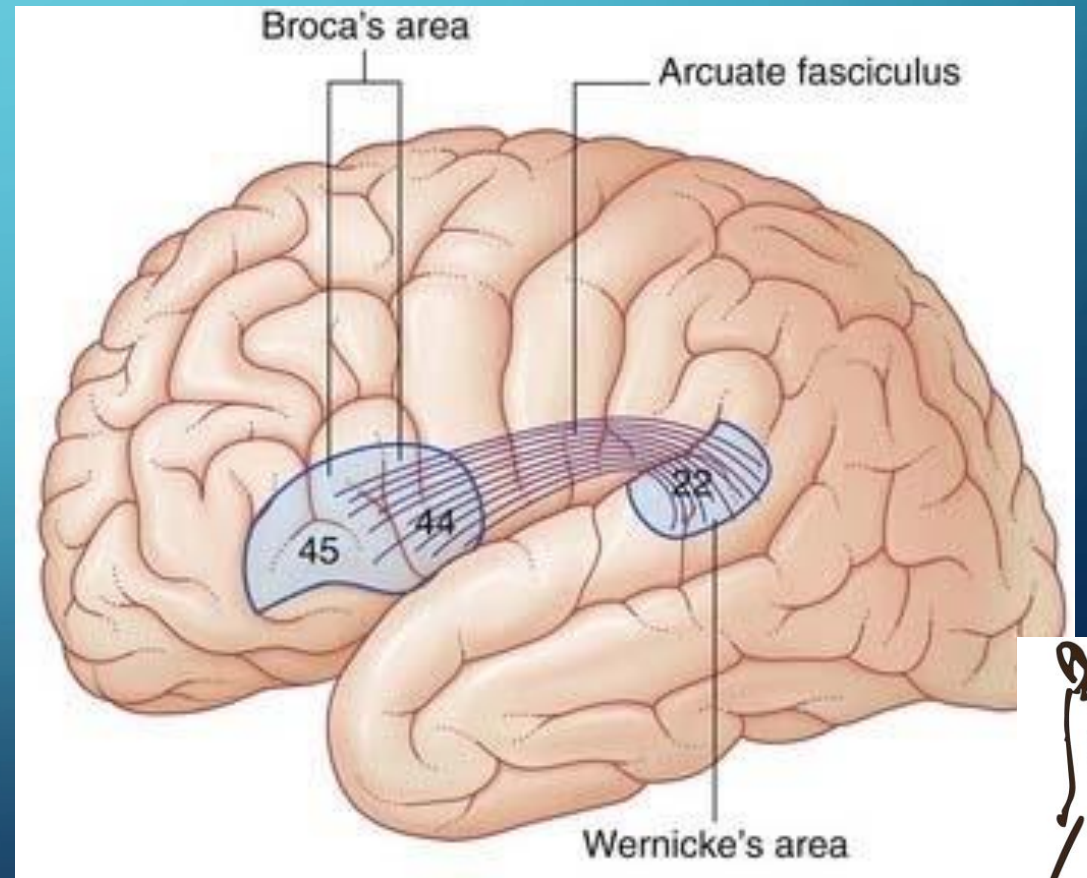
BROCA'S AREA

- In the Frontal Lobe
- In charge primarily of:
 - Fluency
 - Writing

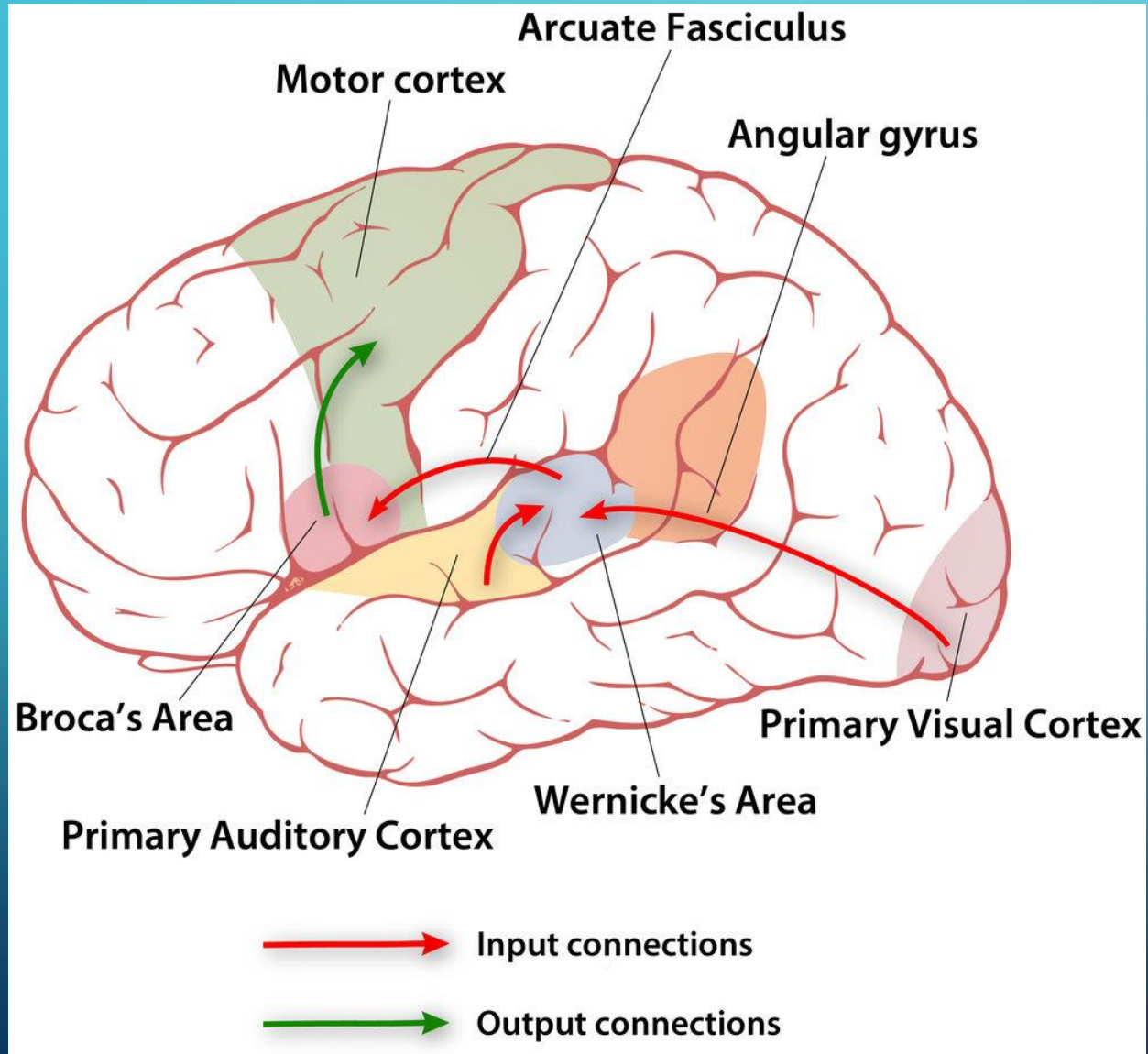


ARCUATE FASCICULUS

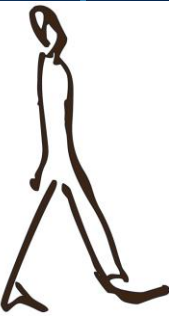
- Connects Wernike's Area (Understanding) to Broca's area (Speaking)
- In charge primarily of:
 - Repetition



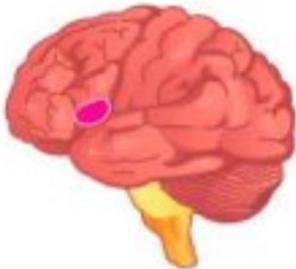
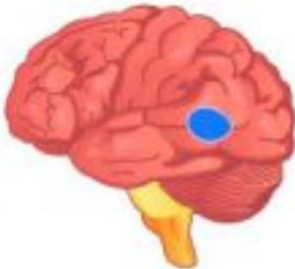



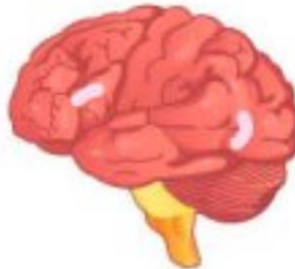
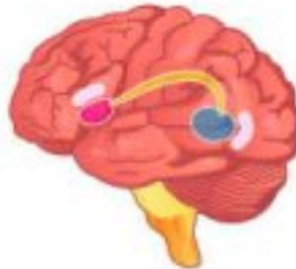





















THE BRAIN IS CONNECTED

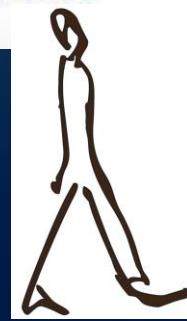


The language loop needs input from other parts of the brain



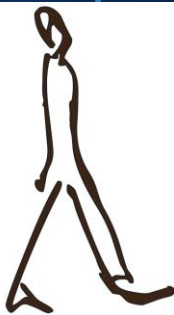
APHASIA IS A SPECTRUM WITH DIFFERENT TYPES

LOCATION							
FLUENCY							
COMPREHENSION							
REPETITION							
TYPE OF APHASIA	Broca's	Wernicke's	Conduction	Transcortical Motor	Transcortical Sensory	Transcortical Mixed	Global



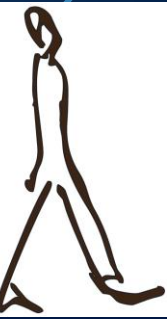
APHASIA

- Does not impact intelligence
- Recovery does not stop after 1 year
- The more communication opportunities the better



COGNITION

- Recovery does not stop after 1 year
- You may have to do things differently at first
- For example using a planner, writing things down, and slowing down are all ways to teach your brain



HOW TO BREAK IT DOWN

- Write it down
- Make broad clear categories
- Summarize using key bullet points
- Support using pictures

