

Dual stream model of language

A [model](#) that incorporates current understanding of [speech](#) and [language](#)

Region 1: (primary auditory areas) initial processing of language.

The ventral stream flows from Region 1 to Region 2 (anterior and middle [temporal lobe](#)) and is involved in speech recognition and lexical concepts.

The dorsal stream maps phonological information onto motor areas (Regions 4 (premotor cortex) & 5 ($\approx$ Broca's area)).

Regions 3 ($\approx$ Wernicke's area), 4 & 5 are all involved in dorsal stream processing.

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