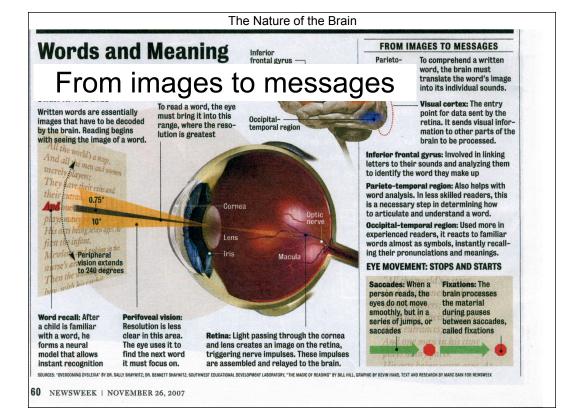
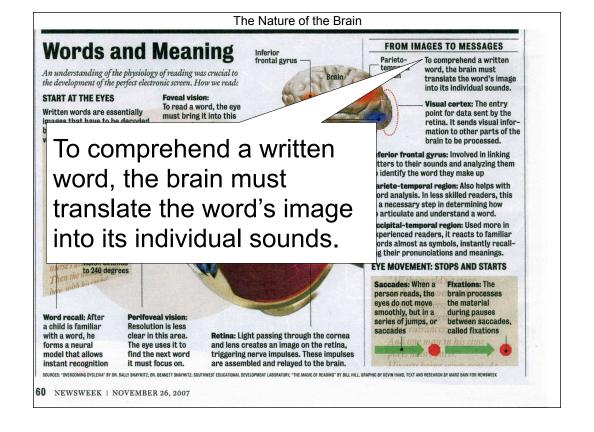
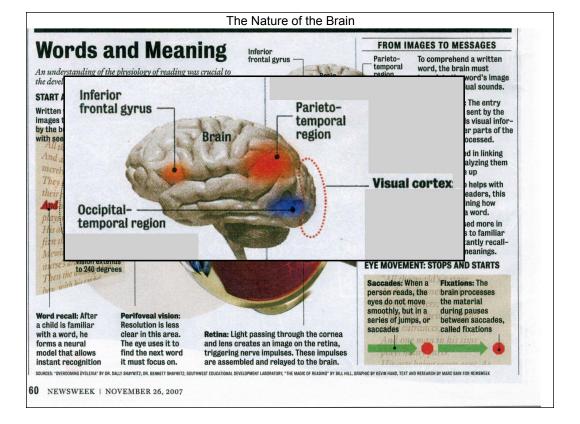


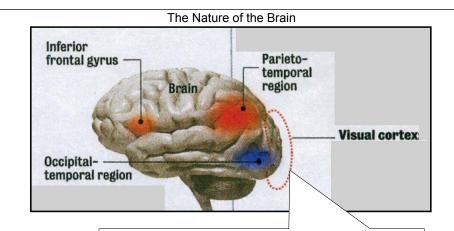
Newsweek, November 26, 2007. "The Future of Reading." Article about the physiology of reading and the development of Amazon's Kindle.

Sources: "Overcoming Dyslexia" by Dr. Sally Shaywitz; Dr. Bennett Shaywitz; Southwest Educational Development Laboratory, "The Magic of Reading" by Bill Hill; graphic by Kevin Hand, Text and research by Marc Bain for Newsweek.



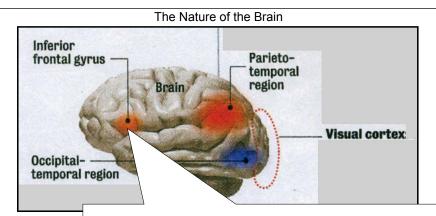




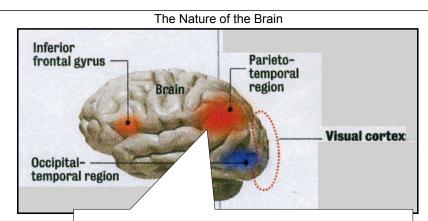


Visual cortex:

The entry point for data sent by the retina. It sends visual information to other parts of the brain to be processed.



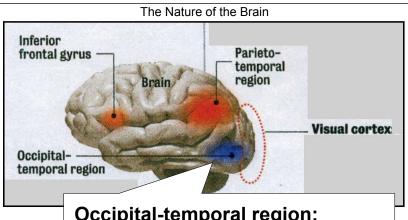
Inferior frontal gyrus: Involved in linking letters to their sounds and analyzing them to identify the word they make up.



Parieto-temporal region:

Also helps with word analysis.

In less skilled readers, this is a necessary step in determining how to articulate and understand a word.



Occipital-temporal region:

Used more in experienced readers.

It reacts to familiar words almost as symbols, instantly recalling their pronunciations and meanings.