

Episode Sixty - Dreams and the Mind's Use of Images

Post by “Elayne” of March 1, 2021 at 7:28 PM

Here is a description of research on aphantasia-- where people can't generate internal imagery, including for memories <https://theconversation.com/blind-in-the-m...agination-86849> -- I bring this up because we were wondering what the process would be whereby people would decide which images they wanted to see, in Epicurus' model. The folks with aphantasia do have memories but the images don't show up for them.

And they mention how internally generated images are thought to occur-- by a network which attempts to recreate pattern from prior activation of the pattern, for memory (different for imagination of things never seen). Rather than a specific area of the brain where a sort of pixel-like photograph is stored. The visual cortex is involved but it is stimulated by other parts of the brain-- it isn't the first area to be involved the way it is in receipt of images through the eyes.

Visual memory is being described as computational <https://www.sciencedirect.com/science/articl...364661320303053> -- the point being that it seems to be a re-creation of an image, not a direct storing of the image itself.