



The capacity of our working memory is limited. You can only hold a small number of items in it (between 5 to 9).

When remembering a few items that do not need to be manipulated, these items are temporarily stored in the areas of the brain involved in sensory information, i.e. what we see or hear .

But if these items in working memory need to be manipulated, then regions in the frontal part of your brain will also be involved.

Speaking of working memory, Nico, you didn't use it much when planning the seating arrangement Nico. Let's have a look at it again. See, you put uncle Gerard and grandma next to each other. You know that they will discuss DIY projects and debate about which material is the best... As usual, they will unlikely agree with each other, and you know how it ends, right?

Oh no, I didn't pay attention to that. I also didn't my working memory...? Why didn't I use my working memory??

Your working memory allows you to search and retrieve information from memory, allowing you to remember past events to make appropriate choices and plan for the future... like when you make these great cake decorations,

Do you like it? Or is it too much? Wait, is creativity influenced by working memory?

Of course, creating is taking elements that you already know apart, and putting them back together (by manipulating them) in a different way. We manipulate and retain tons of information in working memory.

Maya are you jealous? You know, working memory changes with age! Babies can only keep 1 to 2 items in memory, but as they get older, the number does slightly increase. You have yet to reach maximum potential! Although, bear in mind, memory gets worse with age.



So if he has such a good working memory, he should go do the shopping...!

But for now, get moving to the supermarket, or we will run out of time.

(cc)

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- Diamond, A., and Ling, D.S. (2016). Conclusions about interventions, programs, and approaches for improving executive functions that COUR JUN ZOS appear justified and those that, despite much hype, do not. Developmental Cognitive Neuroscience