

# Can arts, crafts and computer use preserve your memory?

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Credit: Public Domain

People who participate in arts and craft activities and who socialize in middle and old age may delay the development in very old age of the thinking and memory problems that often lead to dementia, according to a new study published in the April 8, 2015, online issue of *Neurology*.

People [age](#) 85 and older make up the fastest growing age group in the

United States and worldwide.

"As millions of older US adults are reaching the age where they may experience these memory and thinking problem called Mild Cognitive Impairment (MCI), it is important we look to find lifestyle changes that may stave off the condition," said study author Rosebud Roberts, MB, ChB, MS, of Mayo Clinic in Rochester, Minn. and a member of the American Academy of Neurology. "Our study supports the idea that engaging the mind may protect neurons, or the building blocks of the brain, from dying, stimulate growth of new neurons, or may help recruit new neurons to maintain cognitive activities in old age."

The study involved 256 people with an average age of 87 who were free of memory and thinking problems at the start of the study. The participants reported their participation in arts, such as painting, drawing and sculpting; crafts, like woodworking, pottery, ceramics, quilting, quilling and sewing; [social activities](#), such as going to the theater, movies, concerts, socializing with friends, book clubs, Bible study and travel; and computer activities such as using the Internet, computer games, conducting web searches and online purchases.

After an average of four years, 121 people developed [mild cognitive impairment](#). Participants who engaged in arts in both middle and old age were 73 percent less likely to develop MCI than those who did not report engaging in artistic activities. Those who crafted in middle and old age were 45 percent less likely to develop MCI and people who socialized in middle and old age were 55 percent less likely to develop MCI compared to those who did not engage in like activities. Computer use in later life was associated with a 53 percent reduced risk of MCI.

On the other hand, risk factors such as having the APOE gene, having [high blood pressure](#) in middle age, depression and [risk factors](#) related to blood vessels increased the risk of developing MCI.

Provided by American Academy of Neurology

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