

Children's Drawings Reflect Information on their IQ

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The study of children's drawings is intertwined with many different concepts. It is utilised as an instrument to estimate various types of functions. In particular, children's drawings are often linked to their intellectual abilities or intelligence (IQ). According to Goodenough (1964), children's intellectual development is closely related to their drawing abilities.

Based on the concept of psychological science and innovation, Ric Cognitive Approach® has been using the Imagery Drawing Test (IDT) to systematically monitor students' cognitive development and intellectual maturity since 2006. Students' drawings are also analysed alongside with their IQ scores. Since then, we have witnessed the amazing changes in students' drawings over time as they undergo cognitive training. Their drawings provide compelling evidence of improvements in their intellect and IQ following cognitive training.

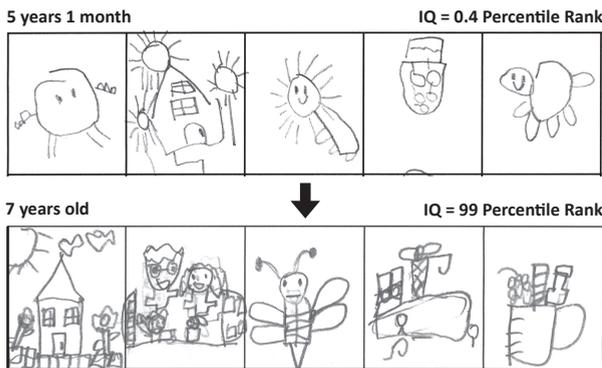


Figure 1: Imagery Drawing Test and IQ progression of a boy. Following 1 year 11 months of cognitive training, his IQ increased from the 0.4 percentile rank to 99 percentile rank.

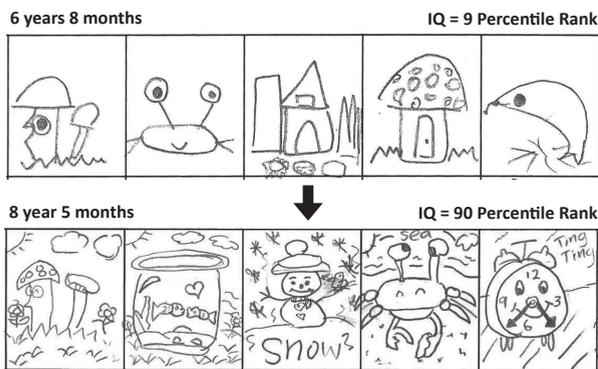


Figure 2: Imagery Drawing Test and IQ progression of a girl. She had an IQ equivalent to the 9 percentile rank but her IQ score improved to the 90 percentile rank after 1 year 9 months of cognitive training.

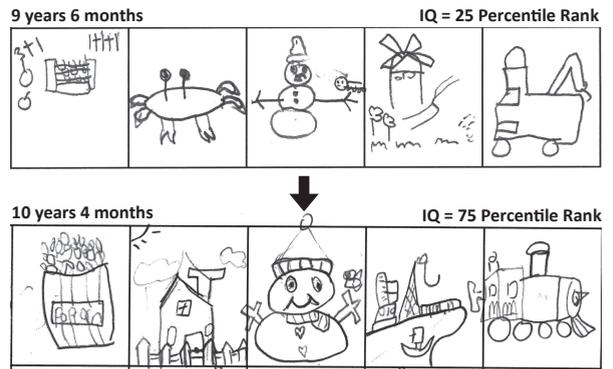


Figure 3: Imagery Drawing Test and IQ progression of a boy. Following 10 months of cognitive training, his IQ increased from the 25 percentile rank to 75 percentile rank.

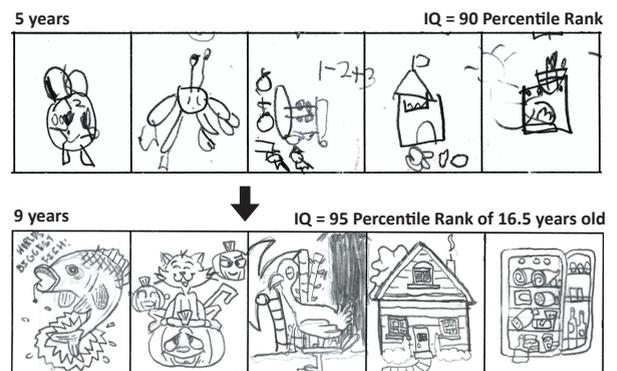


Figure 4: Imagery Drawing Test and IQ progression of a girl. Following 4 years of cognitive training, her IQ increased from the 90 percentile rank to 95 percentile rank of 16.5 years old.

From the children's drawings and IQ percentile ranks, it can be observed that there is a correlation between children's drawings and their IQ. As their drawings changed and became more detailed and mature, the children's IQ percentile rank also showed marked improvements. These results provide scientific evidence that cognitive approach promotes children's cognitive development, growth and IQ. In 2017, we were featured on the local media for being the first cognitive centre in Singapore to successfully improve students' IQ and awarded the Best Cognitive Training Programme Enrichment Awards 2018 by Singapore's Child.

