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 Person Discussion of individual characteristics, traits, talents, abilities Product Discussion of originality, impact, usefulness Process Discussion of underlying mental process (neuroscientific, cognitive) Table and methods for procesting application
 Place Discussion of environment, networks, social aspects
Creativity: Open source for the open mind





























Generation of new ideas

New ideas & Old ideas > 0

(Benedek et al., 2014)

•Medial temporal lobe (including hippocampus): essential for declarative memory supporting the capacity to recollect facts and events

•Left inferior frontal gyrus activation for creativity enhancement: inhibition of dominant but uncreative ideas

•Left inferior parietal cortex activity for novel ideas: integration of previous knowledge for construction and simulation of novel ideas

Creativity: Open source for the open mind













- Drive contains cognitive, emotional, personality and social elements
- Systematic introduction of divergent information
- Process can be iterated by returning to previous states as many times as needed
- Selective gates help controlling the complexity of the process by focusing attention on those few alternatives with higher estimated potential







Divergent Information: modifiers

- Divergent modifiers can be applied to generate a platform for movement
- (Incomplete) list of divergent modifiers
 - escape
 - reversal
 - exaggeration (maximize, minimize)
 - distortion
 - substitute
 - wishful thinking
- Plus: Random entry
 - combine
 - adapt



Creativity: Open source for the open mind





























