

Advanced Cognitive Performance Characteristics (ACPS)

META-THINKING



Meta-cognition	The ability to knowingly use a wide range of thinking approaches and to transfer knowledge from one circumstance to other.
Self-regulation	The ability to monitor, evaluate and self-correct
Strategy-planning	The ability to approach new learning experiences by actively attempting to connect it to existing knowledge or concepts and hence determine an appropriate way to think about the work
Intellectual confidence	The ability to articulate personal views based on evidence

LINKING



Generalisation	The ability to see how what is happening in this instance could be extrapolated to other similar situations
Connection finding	The ability to use connections from past experiences to seek possible generalisations
Big picture thinking	The ability to work with big ideas and holistic concepts
Abstraction	The ability to move from concrete to abstract very quickly.
Imagination	The ability to represent the problem and its categorisation in relation to more extensive and interconnected prior knowledge
Seeing alternative perspectives	The ability to take on the views of others and deal with complexity and ambiguity

ANALYSING



Critical or logical thinking	The ability to deduct, hypothesise, reason, seek supporting evidence
Precision	The ability to work effectively within the rules of a domain
Complex and multi-step problem solving	The ability to break down a task, decide on a suitable approach, and then act

CREATING



Intellectual playfulness	The ability to recognise rules and bend them to create valid but new forms
Flexible Thinking	The ability to abandon one idea for a superior one or generate multiple solutions
Fluent thinking	The ability to generate ideas
Originality	The ability to conceive something entirely new
Evolutionary and revolutionary thinking	The ability to create new ideas through building on existing ideas or diverting from them

REALISING



Automaticity	The ability to use some skills with such ease as they no longer require active thinking
Speed and accuracy	The ability to work at speed and with accuracy