

## Advanced Cognitive Performance Characteristics (ACPS)

### META-THINKING



<b>Meta-cognition</b>	The ability to knowingly use a wide range of thinking approaches and to transfer knowledge from one circumstance to other.
<b>Self-regulation</b>	The ability to monitor, evaluate and self-correct
<b>Strategy-planning</b>	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
<b>Intellectual confidence</b>	The ability to articulate personal views based on evidence

### LINKING



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

### ANALYSING



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

### CREATING



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

### REALISING



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