

CATTELL-HORN-CARROLL (CHC)

Modèle contemporain des aptitudes cognitives

Le modèle CHC des aptitudes cognitives est issu de la fusion entre le modèle de Cattell et Horn et le modèle en 3 strates de Carroll.

Ce modèle hiérarchique de l'intelligence est depuis plusieurs années utilisé comme référence dans l'organisation des aptitudes cognitives.

Il remporte un certain consensus dans la communauté scientifique en tant que modèle dominant de l'intelligence.

Évaluation psychologique et différences individuelles (EPeDI)

Modèle CHC (1997)

Modèle hiérarchique à 3 niveaux

Niveau 3 : facteur g (intelligence générale intervenant dans l'ensemble des processus cognitifs)

Niveau 2 : aptitudes larges (intelligence fluide, intelligence cristallisée, mémoire à court terme, vitesse de traitement, etc.)

Niveau 1 : aptitudes plus spécifiques

Aujourd'hui

CATTELL-HORN-CARROLL (CHC) THEORY OF COGNITIVE ABILITIES DEFINITIONS

QUANTITATIVE KNOWLEDGE (GK) DEPTH AND BREADTH OF KNOWLEDGE AND SKILLS RELATED TO MATHEMATICS.	SPRINGING • ABILITY (GMI) DEPTH AND BREADTH OF KNOWLEDGE AND SKILLS RELATED TO MATHEMATICS.	COMPREHENSION • KNOWLEDGE (GCI) DEPTH AND BREADTH OF KNOWLEDGE AND SKILLS THAT ARE RELATED TO OTHER CULTURAL.
FLUID REASONING (GF) THE ABILITY TO FLUIDLY REASON, CONTROL OF ATTENTION TO SOLVE PROBLEMS, "ON THE SPOT" REASONING, AND THE ABILITY TO REASON ABOUT LOGICAL RELATIONSHIPS OF PROPOSITIONAL FORMS, SETS, SERIES, AND SORTS.	SHORT-TERM MEMORY (GSM) THE ABILITY TO STORE, CONSIDER, AND MANIPULATE INFORMATION IN SHORT-TERM MEMORY.	LONG-TERM STORAGE • RETENTION (GLS) THE ABILITY TO STORE, CONSIDER, AND MANIPULATE INFORMATION IN LONG-TERM MEMORY.
VISUAL PROCESSING (GVI) THE ABILITY TO VISUALLY PERCEIVE AND MANIPULATE INFORMATION FOR THE PURPOSE OF ANALYZING VISUAL INFORMATION, INCLUDING THE ABILITY TO PERCEIVE AND MANIPULATE VISUAL INFORMATION FOR THE PURPOSE OF ANALYZING VISUAL INFORMATION.	ADDITIONAL PROCESSING (GAI) THE ABILITY TO PERFORM SIMPLE ADDITIVE AND SUBTRACTIVE OPERATIONS.	PROCESSING SPEED (GSI) THE ABILITY TO PERFORM SIMPLE ADDITIVE AND SUBTRACTIVE OPERATIONS.

Source: Schneider, W. J., & McGrew, K. (2012). The Cattell-Horn-Carroll model of intelligence. In D. T. Stangor & K. McGrew (Eds.), *Handbook of intelligence* (pp. 99-144). New York, NY: Guilford. Adapted with permission.

Current and Expanded Cattell-Horn-Carroll (CHC) Model of Cognitive Abilities (adapted from Schneider & McGrew, 2012)

