

Appendix C
Sample Assessment Model for Lead Poisoning – School age Children

While criteria referenced, curriculum referenced, and informal assessments can be employed to identify specific deficiencies, a comprehensive assessment is recommended employing norm referenced tests with adequate validity and reliability and preferably yielding scaled scores or standard scores with confidence intervals and percentile scores. The following is a suggested model for a comprehensive evaluation of mental abilities.

FUNCTION/DOMAIN	TEST/SCALE EXAMPLES
Measure of Intelligence	WISC-IV, KABC-II
Executive	D-KEFS, WCST, BRIEF, BASC-2 Executive
Working Memory Capacity	WISC-IV Working Memory, CMS Working Memory
Processing Speed	WISC-IV Processing Speed, W/J-III (NU) Processing Speed or Academic Fluency Clusters
Attention	Connors-3, BASC-2 scales, PADDIS, CPT-II, NEPSY-2
Memory	CMS, WRAML-2
Language - Perception	CTOPP, W/J-III Phonemic Awareness, Visual Matching, LAC-3
Language - Reading	W/J-III (NU), WIAT-III, GORT-4, GSRT
Language - Speech Comprehension	PPVT-4, OWLS Listening Comprehension CASL, CELF-4
Language - Expressive Speech	CASL, WIAT-III. W/J-III (NU), CELF-4
Language - Writing	WIAT-III, W/J-III (NU), TOWL-4
Perceptual-Motor	NEPSY-2, Rey-Osterrieth Complex Figure,
Social/Emotional Behavior	BASC-2, Connors-3, M-PACI, SMALSI, CAIR
Adaptive Behavior (optional)	VADS- II

The suggested tests are not meant to constitute endorsements for using those methods. Mental processes and domains of cognitive abilities are multi-dimensional. Alternative or additional measures may be employed, particularly when specific deficiencies have been identified.

Key to Test Abbreviations

BASC-2	Behavioral Assessment System for Children - Second Addition
BRIEF	Behavioral Rating Inventory of Executive Function
CAIR	Clinical Assessment of Interpersonal Relationships
CASL	Comprehensive Assessment of Speech and Language
CELF-4	Clinical Evaluation of Language Fundamentals - Fourth Edition
CMS	Children's Memory Scale
CPT-II	Connors Continuous Performance Test - Second Edition
CTOPP	Comprehensive Test of Phonological Processing
D-KEFS	Delis-Kaplan Executive Function System
GORT-4	Gray Oral Reading Test - Fourth Edition
GSRT	Gray Silent Reading Test
KABC-II	Kaufman Assessment Battery for Children - Second Edition
LAC-3	Lindamood Auditory Conceptualization Test - Third Edition
M-PACI	Millon Pre-Adolescent Clinical Inventory
NEPSY-II	(Not an acronym - "neuropsychological" assessment battery)
OWLS	Oral and Written Language Scales
PADDS	Pediatric Attention Disorders Diagnostic Screener
PPVT-4	Peabody Picture Vocabulary Test - Fourth Edition
SMALSI	School Motivation and Learning Strategies Inventory
WCST	Wisconsin Card Sorting Test
WIAT-III	Wechsler Individual Achievement Test - Third Edition
WISC-IV	Wechsler Intelligence Scale for Children - Fourth Edition
W/J-III (NU)	Woodcock-Johnson Psychoeducational Battery - Third Edition (Norms Updated)
VADS-II	Vineland Adaptive Behavior Scales - Second Edition