WPPSI-IV: two age bands, two structures

Wechsler Preschool and Primary Scale of Intelligence, Fourth Edition (Pearson, 2012). Ages 2:6 to 7:7; qualification level C; core subtests 30-45 minutes at 2:6-3:11 and 45-60 minutes at 4:0-7:7. Full Scale IQ and index scores: mean 100, SD 15; subtests: mean 10, SD 3.

Ages 2:6 to 3:11: three primary indexes

Index	Core subtests	Supplemental
Verbal Comprehension	Receptive Vocabulary; Information	Picture Naming
Visual Spatial	Block Design; Object Assembly	
Working Memory	Picture Memory; Zoo Locations	

Ancillary: Vocabulary Acquisition (Receptive Vocabulary, Picture Naming), Nonverbal (Block Design, Object Assembly, Picture Memory, Zoo Locations), General Ability.

Ages 4:0 to 7:7: five primary indexes

Index	Core subtests	Supplemental
Verbal Comprehension	Information; Similarities	Vocabulary; Comprehension; Receptive Vocabulary; Picture Naming
Visual Spatial	Block Design; Object Assembly	
Fluid Reasoning	Matrix Reasoning; Picture Concepts	
Working Memory	Picture Memory; Zoo Locations	
Processing Speed	Bug Search; Cancellation	Animal Coding

Ancillary: Vocabulary Acquisition, Nonverbal, General Ability (verbal, visual spatial, fluid reasoning), Cognitive Proficiency (working memory, processing speed); GAI and CPI can be compared.

The 15 subtests

Subtest	What the child does
Receptive Vocabulary	Points to the picture matching a word
Picture Naming	Names a pictured object
Information	General-knowledge questions, pictures at first
Similarities	How two things are alike
Vocabulary	Names pictures, then defines words
Comprehension	Everyday situations and rules
Block Design	Copies a design with blocks, timed
Object Assembly	Fits puzzle pieces into a shape
Matrix Reasoning	Completes a matrix
Picture Concepts	Picks pictures that go together
Picture Memory	Finds remembered pictures
Zoo Locations	Replaces animal cards from memory
Bug Search	Daubs whether a target bug appears in a row
Cancellation	Daubs target objects among others
Animal Coding	Daubs the shape that goes with each animal

From sciencewithshobha.com/blog/wppsi-iv-explained-the-wechsler-preschool-and-primary-scale-of-intelligence-for-ages-2-6-to-7-7-the-two-age-bands-the-index-scores-and-subtests-and-what-the-report-shows/ · 1-on-1 online tutoring for US families, Grade 1 to AP, free 30-minute first class.

The score bands, what a report shows, and the questions to ask

Descriptive bands (mean 100, SD 15)

Score	Descriptor	Share of children	Percentile
130 and above	Extremely High	2%	98th and above
120 to 129	Very High	7%	91st to 97th
110 to 119	High Average	16%	75th to 90th
90 to 109	Average	50%	25th to 73rd
80 to 89	Low Average	16%	9th to 23rd
70 to 79	Very Low	7%	2nd to 8th
69 and below	Extremely Low	2%	2nd and below

Pearson's sample report, a child of exactly 2:6

Subtest	Scaled score	Percentile
Receptive Vocabulary	12	75
Information	10	50
Picture Naming	2	0.4
Block Design	8	25
Object Assembly	12	75
Picture Memory	11	63
Zoo Locations	9	37

A 2 beside a 12 at two and a half may be a shy child, a tired child or a real language delay; the examiner's narrative, not the table, says which.

Two cautions

[ ] Scores at these ages predict later ability less well than school-age scores; children change quickly.

[ ] A confidence interval of ten or more points is normal: 127 and 131 are not meaningfully different children, however a cut-off at 130 treats them.

Before and after testing

Who asked for the test and why (admission, concern, eligibility): _____

Age band tested; FSIQ with its confidence interval: _____

Index scores: highest and lowest; Vocabulary Acquisition if computed: _____

What the examiner observed (attention, language, fatigue): _____

What changes at home or school because of it: _____