The NNAT3 at a glance

Naglieri Nonverbal Ability Test, Third Edition (Pearson). A nonverbal measure of general ability for kindergarten to grade 12: 48 multiple-choice items, about 30 minutes, group-administered online or on paper; scored by age as the Naglieri Ability Index (mean 100, standard deviation 16, to 160) with percentile ranks, stanines and NCEs. Used mostly as a gifted-programme screener in grades K to 3 and where many children are English learners.

Levels by grade

Level	Grades
A	Kindergarten
B	Grade 1
C	Grade 2
D	Grades 3 and 4
E	Grades 5 and 6
F	Grades 7 to 9
G	Grades 10 to 12

The four question types

Type	What the child sees	What it asks
Pattern completion	A design with a piece cut out	Which of five pieces continues the pattern across the gap
Reasoning by analogy	A 2x2 or 3x3 grid of shapes	How the top row changes left to right (colour, size, rotation, number), applied to the bottom row
Serial reasoning	A sequence of shapes across a row or grid	The rule that moves each shape to the next position, and the shape for the empty cell
Spatial visualization	Two or more figures and a combined figure	What the figures look like combined, overlaid or folded

The rule-finding habit (say it out loud)

[ ] What changes across the row: colour, shape, size, number, position, rotation? Often two at once.
[ ] Does the same change happen down the column?
[ ] Say the rule in words before looking at the answers.
[ ] Check every one of the five choices against the rule; do not stop at the first that looks right.
[ ] Skipped and returned: an unanswered item scores the same as a wrong one.

From sciencewithshobha.com/blog/nnat-test-explained-the-nnat3-levels-by-grade-48-questions-in-30-minutes-the-four-question-types-the-naglieri-ability-index-and-what-score-is-gifted/ · 1-on-1 online tutoring for US families, Grade 1 to AP, free 30-minute first class.

Scores, the gifted line, and a four-week plan

Naglieri Ability Index to percentile and stanine

NAI	About the percentile	Stanine
84	16th	3
92	31st	4
100	50th	5
108	69th	6
116	84th	7
120	89th	8
124	93rd	8
128	96th	9
132	98th	9
136	99th	9
140	99.4th	9
148	99.9th	9

The percentile column is the normal-curve reading of a scale with mean 100 and SD 16; the school's report has Pearson's exact table. Districts set the gifted line themselves, commonly between the 90th and 98th percentile (NAI about 120 to 132), often with a second measure or local norms.

Four weeks, ten minutes a day

Week	What to do
1	Learn the format: one missing piece, five choices, work left to right and top to bottom. Five items a day, talked through together.
2	Pattern completion and analogies: name the rule before answering. Make your own on squared paper: shapes, shading, counts.
3	Serial reasoning and spatial items: what comes next, what two shapes make when combined. Add a timer: 40 seconds an item.
4	Two short timed sets of 12. Then stop: reading, puzzles and maths build the reasoning the test measures; drilling look-alikes does not.

The district's process

Which grade is screened, and is every child tested?_____

The cut-off (percentile or NAI), and on which score:_____

The second step (achievement test, teacher rating, portfolio):_____

Re-test rules and dates: _____

What the programme does differently, hours a week:_____