The IAR 7+ and IAR 4-6

Indicator of Academic Readiness

provided by Knowsys Educational Services LLC

Overview:
- Testing Time: 2 hours
- Sections: 4
- Questions: 110
- Format: Online
- Measures readiness in Math, Science, Reading, and Writing

Sections:
Math/Science:
- 2 Sections
- 30 minutes/30 questions per section
- Math (74%) and Science (26%)

  - Tested Math Content (44 questions):
    - Algebra
    - Data Analysis
    - Advanced Math
    - Geometry
    - Trigonometry (not on the 4-6 version)

  - Tested Science Content (16 questions):
    - Reading graphs, tables, & schematics
    - Understanding complex data
    - Evaluating conclusions & hypotheses
    - Making generalizations, deductions, & predictions

Reading/Writing:
- 2 Sections
- 30 minutes/25 questions per section
- Reading (40%), Writing (50%), and Vocabulary (10%)

  - Tested Reading Content (20 questions):
    - Comprehension (details, inference, main idea)
    - Analysis (compare/contrast, logic, point of view, purpose, structure, & tone)

  - Tested Writing Content (25 questions):
    - Grammar (boundaries, modifiers, parallelism, possessives, pronouns, subject/verb agreement, and verbs)
    - Writer’s Craft (focus, purpose, transitions, use of data, and words and expressions)

  - Tested Vocabulary Content (5 questions):
    - Analogies
    - Sentence Completions
    - Words in Context

Version 7+:
Standard Audience: Juniors & Seniors

Version 4-6:
Standard Audience: 8th & 9th Graders