

BIKO 3-6: Development of Basic Competencies of 3- to 6-year-olds

Full Profile Review

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Name of the measure

BIKO 3-6: Development of Basic Competencies of 3- to 6-year-olds

Author(s) / Publisher(s)

- German original (DE): <https://www.testzentrale.de/shop/biko-screening-zur-entwicklung-von-basis-kompetenzen-fuer-3-bis-6-jaehrige.html>

Author: D. Seeger, M. Holodynski, & E. Souvignier.

Publisher: Hogrefe Verlag

Age Range

3-7 years

SEL Skills targeted

Relationship skills, Social awareness, Self-management, Behaviour problems

Scales and Subscales

4 separate screenings of the following domains:

Linguistic

repeating sentences (10 items)

reciting of numerical orders (10 items)

recognition of word-families (8 items)

repeating of coinage (10 items)

Socio-Emotional

cooperativeness (6 items)

integration (6 items)

problematic behaviour (6 items)

prosocial behaviour (6 items)

play behaviour (6 items)

regulation (8 items)

Motoric

motoric development (8 items)

Numeric

numeric development (9 items)

Sources of information

Teacher

Formats for administration

Direct assessment, Observation

Administration

Execution time: approx. 15 minutes for each development area

Scoring

Manual

Scoring information

Raw values converted to percentile ranks, interpretation of the raw values in relation to reference norms (individual, social and objective)

Psychometric Properties

Internal consistency:

linguistic scales: $.61 < \alpha < .84$

socio-emotional scales: $.86 < \alpha < .91$

motoric scale: $\alpha = .77$

numeric scale: $\alpha = .87$

Retest-reliability:

socio-emotional scales: $.86 < r_{tt} < .91$ (two weeks)

motoric scale: $r_{tt} = .82$ (two weeks)

numeric scale: $r_{tt} = .88$ (three months)

Split-Half reliability:

linguistic scales: $.63 < r_{tt} < .90$

Training

The pedagogical staff of a daycare centre should be trained to use the test.

Citation

This document was generated from the database used to create the Assessment Measures Compendium:

Koltcheva, N., C. Peixoto, V. Coelho, (2022). Social and Emotional Competences and Development of Children Aged Zero to Seven: European Assessment Measures Compendium. EU-SELF Project. ISBN 978-619-233-217-4 (can be downloaded from <https://euself.nbu.bg>)