

Crosswalk of the Birth to Three Assessment and Intervention System (BTAIS-2), Second Edition with Child Outcomes for Infants and Toddlers

Introduction

This “crosswalk” identifies relationships between the Birth to 3 and the following three child outcomes:

- 1) Children have positive social relationships,
- 2) Children acquire and use knowledge and skills, and
- 3) Children take appropriate action to meet their needs.

Crosswalking the Birth to 3 to child outcomes addressed two purposes: 1) to identify how outcomes might be understood using the Birth to 3, and 2) to explore the use of assessment data from the Birth to 3 as evidence of functional outcomes for children. For both purposes, we matched the content of items from this instrument with content embedded within the three global outcome statements.

We found that not every item of the Birth to 3 could be crosswalked to a specific outcome. Some areas reflect basic growth and therefore cut across all three outcomes. Basic growth in each of the areas addressed by the Birth to 3, including language comprehension, language expression, nonverbal thinking, social/personal behaviors, and motor behaviors, lays the foundation for all learning.

Examples of items that appear in the crosswalk suggest relationships between the Birth to 3 and the three child outcomes. Assessment data from the Birth to 3 would be useful in showing some evidence of children’s progress. Additional evidence from multiple sources of information, however, is needed to provide the best picture of the child’s functioning, given the breadth, depth, multidimensionality, and functionality of the outcomes. Critical sources of information for judging child progress include input from parents and other members of a team. “Elaboration of the ECO Child Outcomes,” attached, provides a visual depiction of the complexity of child outcomes.

The table that follows represents crosswalking efforts to date. It should be considered “a work in progress” and will continue to evolve as reviewers provide feedback on the assignment of assessment areas to outcomes. Reviewing the crosswalk should further provoke thinking about how data from the Birth to 3 could be collected and used as part of a statewide outcome measurement system.

Disclaimer: This crosswalk was completed by ECTA Center staff based on one or more requests from early intervention or early childhood special education programs. Placement of the items within a given Outcome is based on staff expertise and does not necessarily reflect the publisher’s views or align with publisher-issued crosswalks or computations. 1

Birth to Three Assessment and Intervention System

Birth to 3 subtest	Outcome 1 Positive social relationships	Outcome 2 Acquire and use skills and knowledge	Outcome 3 Takes action to meet needs	Cross-Cutting
Language Comprehension	<ul style="list-style-type: none"> ▪ Watches face for cues (19-24mos) e.g. item 25 	<ul style="list-style-type: none"> ▪ Shows objects on request (13-18mos) e.g. items 17-20, 23-24 ▪ Responds to commands, identifies objects, pictures 19-24mos) e.g. items 26-32 ▪ Responds to requests, knows names, identifies, comprehends grammar, number concept (25-30mos) e.g. items 33-40 ▪ Identifies pictures, comprehends verbs, discriminates concepts such as spatial, numeric (31-36mos) e.g. items 41-48 		<ul style="list-style-type: none"> ▪ Responds to sounds, voices (0-6mos) e.g. items 1-8 ▪ Gives object on request, attends, imitates, responds to words, names (7-12mos) e.g. items 9-16 ▪ Waves, plays on request (13-18mos) e.g. items 21-22
Language Expression		<ul style="list-style-type: none"> ▪ Labels, uses words (13-18mos) e.g. items 21, 23 ▪ Names, uses vocabulary, negation (19-24mos) e.g. items 26-30, 32 ▪ Names, uses speech (25-30mos) e.g. items 33-36, 38-40 ▪ Uses grammar, answers questions, converses (31-36mos) e.g. items 41-48 		<ul style="list-style-type: none"> ▪ Coos, babbles, vocalizes, etc. (0-6mos) e.g. items 1-8 ▪ Vocalizes vowels, consonants, varies pitch, etc. (7-12mos), e.g. items 9-16 ▪ Responds, imitates, etc. (13-18mos) e.g. items 17-20, 22, 24 ▪ Imitates, responds, etc. (19-24mos) e.g. items 25, 31 ▪ Recites (25-30mos) e.g. items 37

Birth to 3 subtest	Outcome 1 Positive social relationships	Outcome 2 Acquire and use skills and knowledge	Outcome 3 Takes action to meet needs	Cross-Cutting
Nonverbal Thinking	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪ Matches colors/shapes, finds object, problem solving, symbolic play, etc. (19-24mos) e.g. items 25, 27-32 ▪ Auditory memory, remembers toys, places shapes, builds, sorts, etc. (25-30mos) e.g. items 33-34, 36-40 ▪ Auditory/visual memory, copies, strings beads, puzzles (31-36mos) e.g. items 41-48 	<ul style="list-style-type: none"> ▪ Leads adult to what is wanted (19-24mos) e.g. item 26 ▪ Pulls mat to get object (25-30mos) e.g. item 35 	<ul style="list-style-type: none"> ▪ Visually follows objects, reaches, grasps, etc. (0-6mos) e.g. items 1-8 ▪ Finds object, imitates, touches/pulls/drops object (7-12mos) e.g. items 9-16 ▪ Imitates, dumps/places objects, unwraps (13-18mos) e.g. items 17-24
Social/Personal Behaviors	<ul style="list-style-type: none"> ▪ Recognizes strangers, forms bonds (7-12mos) e.g. items 12-13 ▪ Looks for friend, interacts (19-24mos) e.g. items 28-30 ▪ Responds to adults (25-30mos) e.g. item 36 ▪ Greets, plays, turn taking (31-36mos) e.g. items 41-42, 47 		<ul style="list-style-type: none"> ▪ Helps dress (19-24mos) e.g. item 25 ▪ Avoids danger (31-36mos) e.g. item 48 	<ul style="list-style-type: none"> ▪ Mouths objects, looks at human face, responds, smiles, etc. (0-6mos) e.g. items 1-8 ▪ Imitates, responds, etc. (7-12mos) e.g. items 9-11, 14-16 ▪ Hugs toy, shows moods, imitates, engages in parallel play, etc. (13-18mos) e.g. items 17-24 ▪ Plays, responds, shows pity/shame, knows ‘mine’ (19-24mos) e.g. items 26-27, 29, 31-32 ▪ Separates, offers object, can wait, dramatizes, listens to stories, etc. (25-30mos) e.g. items 33-35,

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				37-40 ▪ Performs, shows pride, imagination (31-36mos) e.g. items 43-46
Motor Behaviors			<ul style="list-style-type: none"> ▪ Walks alone, up stairs, stoops, sits, throws, uses spoon, can lick (13-18mos) e.g. items 17-24 ▪ Walks up/down stairs, walks, runs, pulls off shoes, socks, dries hands (19-24mos) e.g. items 25-32 ▪ Descends stairs, jumps, opens doors (25-30mos) e.g. items 33, 35-36, 38 ▪ Walks up stairs (31-36mos), e.g. item 42 	<ul style="list-style-type: none"> ▪ Rolls, turns, engages hands, etc. (0-6mos) e.g. items 0-6mos ▪ Sits, pulls self up, crawls, walks with help, etc. (7-12mos) items 9-16 ▪ Descends ladder, walks on line, scribbles, imitates (25-30mos) e.g. items 34, 37, 39-40 ▪ Stands on one foot, climbs up slides, turn pages of book, hold pencil, throw/catch ball (31-36mos) e.g. items 41-48

Note: Draft developed at state request. This draft has not been through the ECO review process to establish consistency with the crosswalks posted on the ECO web site.

