

# Finally, A Functional Assessment TOOL Aligned With The Child Outcomes

## The MEISR

Measure of Engagement Independence and Social Relationships



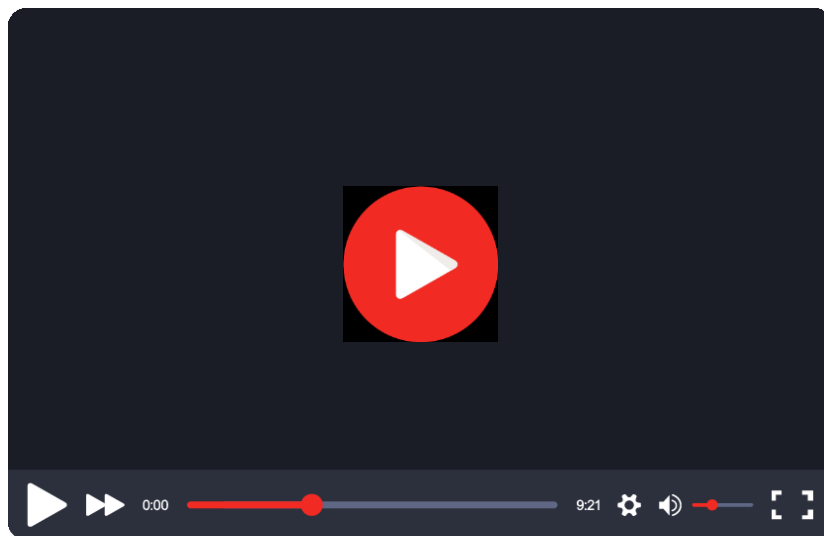
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## Getting to Know You





What is The **MEISR**?





What is the  
**MEISR?**



25

1. Waking Up



20

2. Toilet/Diapering



47

3. Meal Times



29

4. Dressing



38

5. Hangout,  
Books/TV6. Play with  
Others

14

7. Nap Time



26

8. Outside



35

9. Play By  
Self

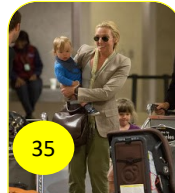
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10. Bath Time



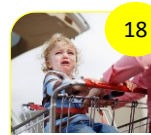
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11. Bedtime



35

12. Going Out



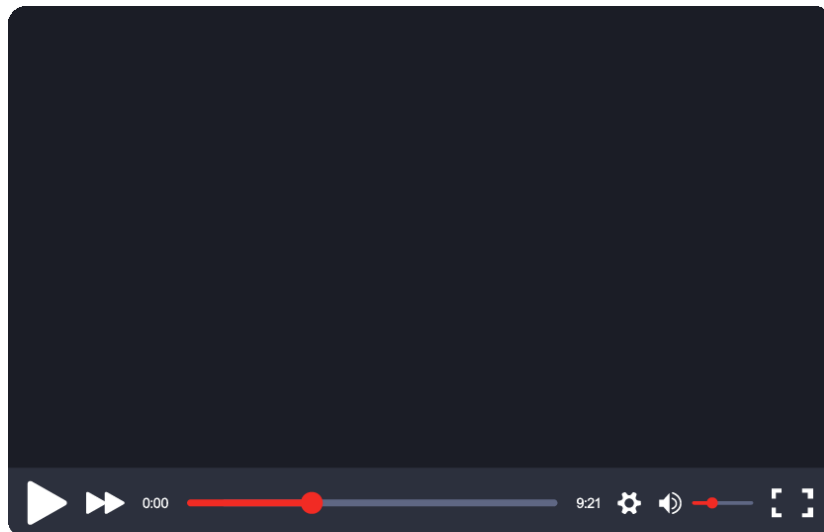
18

13. Grocery  
Shopping

15

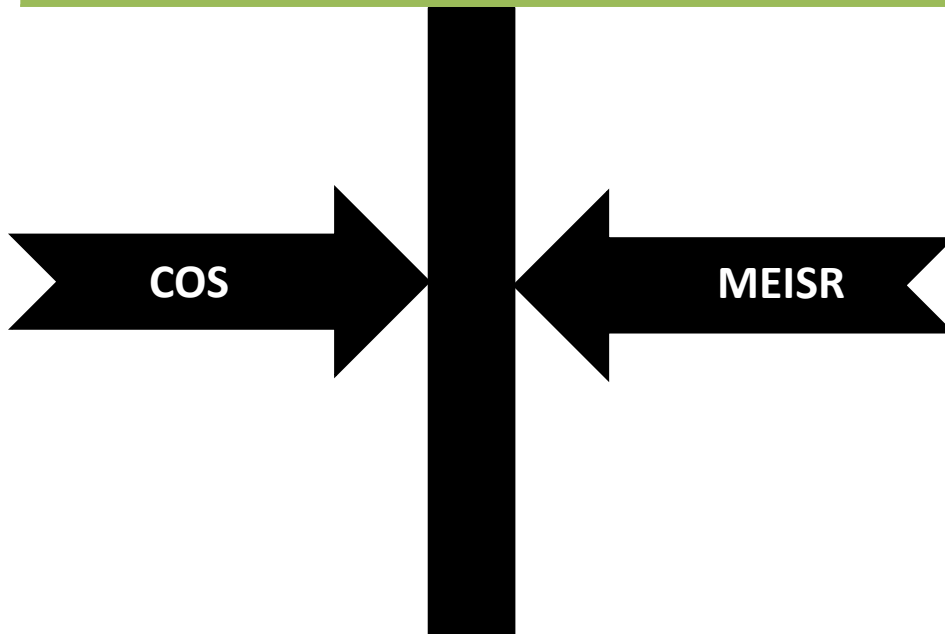
14. Transition

1. Waking Up		Participates in waking up time by ...	Starting (age in months)	Not yet	Sometimes	Often or Beyond this	Func. <sup>a</sup>	Dev. <sup>b</sup>	Out. <sup>c</sup>
1.01	Making vocal sounds		0	1	2	3	S	CM	K
1.02	Showing enjoyment when held, rocked, to		0	1	2	3	S	S	S
1.03	Looking at caregiver and making e		0	1	2	3	S	S	S
1.04	Easily turning head to both sides		1	1	2	3	I	M	A
1.05	Acting happy to see or hear caregiver		1	1	2	3	S	S	S
1.06	Showing interest in crib toys (e.g., wa		1	1	2	3	E	CG	K
1.07	Turning over from side to tummy or s		1	1	2	3	I	M	A
1.08	Smiling, kicking, moving arms excitedly		1	1	2	3	S	S, M	S
1.09	Reaching out for or batting at toys, rep		1	1	2	3	E	CG, M	K
1.10	Playing with hands and feet, touching a		1	1	2	3	E	CG	K
1.11	Turning towards the sound of caregiver's		1	1	2	3	S	S	S
1.12	Maintaining sitting at least briefly		1	1	2	3	I	M	A
1.13	Raising arms to be picked up when caregiv		1	1	2	3	S	CM, S	S
1.14	Sitting when placed in sitting		1	1	2	3	I	M	A
1.15	Moving up and down by bending knees whe		1	1	2	3	I	M	A
1.16	Calling out for caregivers (e.g., shouting, vocaliz		1	1	2	3	S	CM, S	A
1.17	Waking up without crying immediately (calming		1	1	2	3	E	S	S
1.18	Standing and cruising around crib		1	1	2	3	I	M	A
1.19	Saying mama or dada when sees mama or dada		1	1	2	3	S	CM, S	S
1.20	Standing for several seconds without support		1	1	2	3	I	M	A
1.21	Playing with toys momentarily until caregiver com		1	1	2	3	E	S	S
1.22	Responding to caregiver's greeting with a sign or w		1	1	2	3	S	CM	S
1.23	Leaving room to find caregiver		1	1	2	3	I	S	A
1.24	Letting caregiver know how he/she is feeling (e.g., ha		1	1	2	3	S	S	S
1.25	Following directions involving descriptions (e.g., get the		1	1	2	3	S	CG, CM	K
Percentage of mastered items (1) add up the number of items scored 3 "often" (2) divide that number by the total number of routine items scored or items for the child's age (NOTE-if an item is skipped because it is not part of the family culture be sure to reduce the number of scored items accordingly) and (3) multiply that number by 100 to see percentage of items mastered.			33	1	2	3	S	CG, CM	K
							Total # of 3's	# of items scored	3's / items x 100 = %





## COS & MEISR Best Practice Characteristics





# COS & MEISR Best Practice Characteristics

COS...

MEISR...

integrated & functional development

comprised of functional skills

skills across settings and situations

skills across common routines

breadth of outcome-associated skills

span of skills for each routine

developmental progression of skills

progression skills 0 - 3

age anchor skills correctly

age associated with each skill

info. from those knowing the child

caregivers as information source

acknowledges typical tools

crosswalks skills with child outcomes

Item #	Routine	Participating in [ROUTINE] by:	Starting Age (Months)	Not Yet metline / Beyond	Outcome	DEVCa	DEVCb	OUTC
10.16	Hanging Out	Turning pages in books (may be several at a time, e.g., 2 or 3)	14	1	I	M	K	K
10.16	Hanging Out	Imitating saying a new word (e.g., cake, banana, eggs)	14	1	S	CM	K	K
10.16	Hanging Out	Pointing correctly to one body part on self when asked	15	1	S	CM, CG	K	K
10.16	Hanging Out	Indicating he or she understands the name of an article of clothing (e.g., looking at or otherwise acknowledging when caregiver says shoes, shirt)	15	1	S	CM	K	K
10.16	Hanging Out	Recognizing self in mirror (e.g., pointing at self)	15	1	E	CG, S	K	K
10.16	Hanging Out	Following routine directions with items in sight (e.g., put diaper in bin)	15	1	S	CM	K	K
10.16	Hanging Out	Playing with a variety of toys in their intended manner (e.g., scribbles on paper, shape sorter, ring stacker)	15	1	E	CG	K	K
10.16	Hanging Out	Patting at pictures in books, turning one or more pages at a time	15	1	E	M, CG	K	K
10.16	Hanging Out	Recognizing funny transitions and laughs (e.g., putting shoes on hands, giving cup upside down, no water in tub)	15	1	E	CG, S	K	K
10.16	Hanging Out	Using gestures or words to identify 2 or more body parts	18	1	S	CM	K	K
10.16	Hanging Out	Using some signs or words to comment or respond	18	1	S	CM	K	K
10.16	Hanging Out	Following directions to go get (e.g., go get your shoes)	18	1	S	CM	K	K
10.16	Hanging Out	Using a sign or word about toilet/diapering (e.g., to comment or respond)	18	1	S	CM	K	K
10.16	Hanging Out	Imitating sounds heard (e.g., animals, vehicles) with or without prompt	18	1	S	CM	K	K
10.16	Hanging Out	Imitating two-word phrase related to going out (e.g., go park, ride car)	18	1	S	CM	K	K
10.16	Hanging Out	Trying to sing songs/act out familiar finger plays	18	1	E	CG	K	K
10.16	Hanging Out	Understanding directions and names of things (e.g., up, down, left, right)	18	1	S	CG, CM	K	K
10.16	Hanging Out	Figuring out how to activate/get a toy (e.g., turn wheel, push down to get toy)	18	1	I	CG	K	K
10.16	Hanging Out	Showing clear preference or dislike (e.g., picture book/show)	18	1	E	CG	K	K
10.16	Hanging Out	Recognizing and labeling some items (e.g., more)	18	1	E	CM	K	K
10.16	Hanging Out	Constructing things during play (e.g., building blocks/Duplo's)	19	1	E	CG, M	K	K
10.16	Hanging Out	Recognizing him or herself in mirrors (e.g., by pointing or looking)	19	1	E	CG	K	K
10.16	Hanging Out	Identifying him or herself in mirrors (e.g., saying name or nickname)	20	1	E	CG	K	K
10.16	Hanging Out	Using a two-word sentence to request and comment	21	1	S	CM	K	K
10.16	Hanging Out	Indicating understanding of where toys or objects are being (e.g., goes to shelf to find specific toy, puts toy away)	21	1	E	CG	K	K
10.16	Hanging Out	Understanding yours and mine (e.g., this is yours and this is mine)	21	1	S	CM	K	K
10.16	Hanging Out	Identifying 5 or more body parts (e.g., pointing at on self, others, or doll)	24	1	E	CG	K	K
10.16	Hanging Out	Using two words to describe something (e.g., me potty, go potty, me poop)	24	1	S	CM	K	K
10.16	Hanging Out	Singing rhymes or songs (e.g., happy birthday)	24	1	E	CM	K	K
10.16	Hanging Out	Using two words to describe words too during play	24	1	E	CM	K	K
7.28	Play by Self	Imitating body linking 2 or more actions (e.g., feeding, burping, and putting doll down for nap)	24	1	E	CG	K	K
7.29	Play by Self	Pretending objects are something else (e.g., block to represent food)	24	1	E	CG	K	K
7.30	Play by Self	Matching two or more identical shapes or colors (e.g., puts round blocks together, picks out same colored cars)	24	1	E	CG	K	K
8.11	Nap Time	Understanding directions, such as "finish this (be specific) then it's nap time" (but might not always comply)	24	1	S	CM, CG	K	K
9.23	Bath Time	Talking during bath time with caregiver understanding half or more of the words he or she says	24	1	S	CM	K	K
10.20	Hanging Out	Naming a character when seen in a book or on a show	24	1	E	CG, CM	K	K
10.21	Hanging Out	Pointing to and naming pictures in a book (3 or more pictures)	24	1	S	CM, CG	K	K
10.22	Hanging Out	Talking about shows when they are being watched	24	1	S	CM	K	K
12.09	Outside Time	Using sandbox toys appropriately (e.g., not throwing or eating sand)	24	1	E	CG	K	K
12.10	Outside Time	Playing purposefully with playground toys (figuring out their best use)	24	1	E	CG	K	K
12.12	Outside Time	Showing interest in the playground (may have favorite toy/activity)	24	1	E	CG	K	K
13.12	Bedtime	Joining in to sing a song or say a rhyme (repeats part of it)	24	1	E	CG	K	K
2.37	Meal Times	Following a 2-part command (e.g., give me the plate and put cup in sink)	25	1	S	CM	K	K

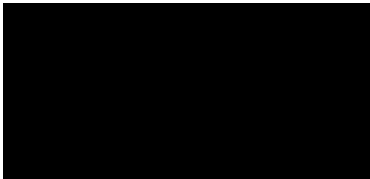
Item #	Routine	Participating in [ROUTINE] by:	Starting Age (Months)	Not Yet	Sometimes	Often or Beyond this	Func <sup>a</sup>	Dev <sup>b</sup>	Out <sup>c</sup>
10.16	Hanging Out	Turning pages in books (may be several at a time, e.g., 2 or 3)	14		1	1	I	M	K
11.09	Grocery Shopping	Imitating saying a new word (e.g., cake, banana, eggs)	14		1	1	S	CM	K
3.09	Getting Dressed	Pointing to body part on self when asked	15		1	1	S	CM, CG	K
3.11	Getting Dressed	Indicating the name of an article of clothing (e.g., looking at or when caregiver says shoes, shirt)	15		1	1	S	CM	K
3.12	Getting Dressed	Recognizing self in mirror (e.g., pointing at self)	15		1	1	E	CG, S	K
4.06	Toileting/Diaper	Following routine directions with items in sight (e.g., put diaper in bin)	15		1	1	S	CM	K
6.19	Play w/ Others	Playing with a variety of toys in their intended manner (e.g., scribbles on paper, shape sorter, ring stacker)	15		1	1	E	CG	K
7.19	Play by Self	Patting at pictures in books, turning one or more pages at a time	15		1	1	E	M, CG	K
14.06	Transition Time	Recognizing funny transitions and laughs (e.g., putting shoes on hands, down, no water in tub)	15		1	1	E	CG, S	K
3.16	Getting Dressed	Using gestures or words to identify 2 or more body parts	18	1	1	1	S	CM	K
3.17	Getting Dressed	Using some signs or words to comment or respond	18	1	1	1	S	CM	K
3.18	Getting Dressed	Following directions to go get (e.g., go get your shoes)	18	1	1	1	S	CM	K
4.08	Toileting/Diaper	Using a sign or word about toilet/diapering (e.g., to comment or respond)	18	1	1	1	S	CM	K
5.20	Going Out	Imitating sounds heard (e.g., animals, vehicles) with or without prompt	18	1	1	1	S	CM	K
5.21	Going Out	Imitating two-word phrase related to going out (e.g., go park, ride car)	18	1	1	1	S	CM	K
7.23	Play by Self	Trying to sing songs/act out familiar finger plays	18	1	1	1	E	CG	K
9.15	Bath Time	Understanding directions and names of things (e.g., wash feet, get cup)	18	1	1	1	S	CG, CM	K
10.17	Hanging Out	Figuring out how to activate/get a toy (e.g., turn toy on, climb to get toy)	18	1	1	1	E	CG	K
10.18	Hanging Out	Showing clear preference or has a favorite picture/book/show	18	1	1	1	E	CG	K
11.11	Grocery Shopping	Pointing to items in a book (or more)	18	1	1	1	E	CM	K
7.24	Play by Self	Stacking blocks/Duplo's	19	1	1	1	E	CG, M	K
10.19	Hanging Out	Pointing or looking	19	1	1	1	E	CG	K
9.18	Bath Time	Saying name or nick name	20	1	1	1	E	CG	K
6.22	Play w/ Others	Comment	21	1	1	1	S	CM	K
7.25	Play by Self	Other things belong (e.g., goes to shelf to find)	21	1	1	1	E	CG	K
11.12	Grocery Shopping	Understanding directions (e.g., your drink and this is mine)	21	1	1	1	S	CM	K
3.20	Getting Dressed	Understanding directions and names of things (e.g., go get your shoes, go get your drink and this is mine)	24	1	1	1	E	CG	K
4.12	Toileting/Diaper	Using two word phrases to express self (e.g., me potty, me poop)	24	1	1	1	E	CG	K
6.25	Play w/ Others	Singing snippets of songs (e.g., happy birthday)	24	1	1	1	E	CM	K
7.27	Play by Self	Jabbering and saying true words too during play	24	1	1	1	E	CM	K
7.28	Play by Self	Pretending by linking 2 or more actions (e.g., feeding, burping, and putting down for nap)	24	1	1	1	E	CG	K
7.29	Play by Self	Pretending objects are something else (e.g., block to represent food)	24	1	1	1	E	CG	K
7.30	Play by Self	Matching two or more identical shapes or colors (e.g., puts round blocks together, picks out same colored cars)	24	1	1	1	E	CG	K
8.11	Nap Time	Understanding directions, such as "finish this (be specific) then it's nap time" (but might not always follow directions)	24	1	1	1	S	CM, CG	K
9.23	Bath Time	Talking to caregiver (understands first two or more words he or she says)	24	1	1	1	S	CM	K
10.20	Hanging Out	Naming objects in a book or on a show	24	1	1	1	E	CG, CM	K
10.21	Hanging Out	Pointing to and naming pictures in a book (3 or more pictures)	24	1	1	1	E	CG, CM	K
10.22	Hanging Out	Talking about shown when they are being watched	24	1	1	1	S	CM	K
12.09	Outside Time	Using sandbox toys appropriately (e.g., not throwing or eating sand)	24	1	1	1	E	CG	K
12.10	Outside Time	Playing purposefully with playground toys (figuring out their best use)	24	1	1	1	E	CG	K
12.12	Outside Time	Showing interest in the playground (may have favorite toy/activity)	24	1	1	1	E	CG	K
13.12	Bedtime	Joining in to sing a song or say a rhyme (repeats part of it)	24	1	1	1	E	CG	K
2.37	Meal Times	Following a 2-part command (e.g., give me the plate and put cup in sink)	25	1	1	1	S	CM	K

1. Waking Up

Participates in waking up time by ...

Item #	Routine	Starting age in months	Not yet	Sometimes	Often or Beyond this	Func <sup>a</sup>	Dev <sup>b</sup>	Out <sup>c</sup>
1.01	Making vocal sounds	0	1	2	3	S	CM	K
1.02	Showing enjoyment when held, rocked, touched by caregiver	0	1	2	3	S	S	S
1.03	Looking at caregiver and making eye contact	0	1	2	3	S	S	S
1.04	Easily turning head to both sides	1	1	2	3	S	M	A

What sorting combos would be useful for you – why?



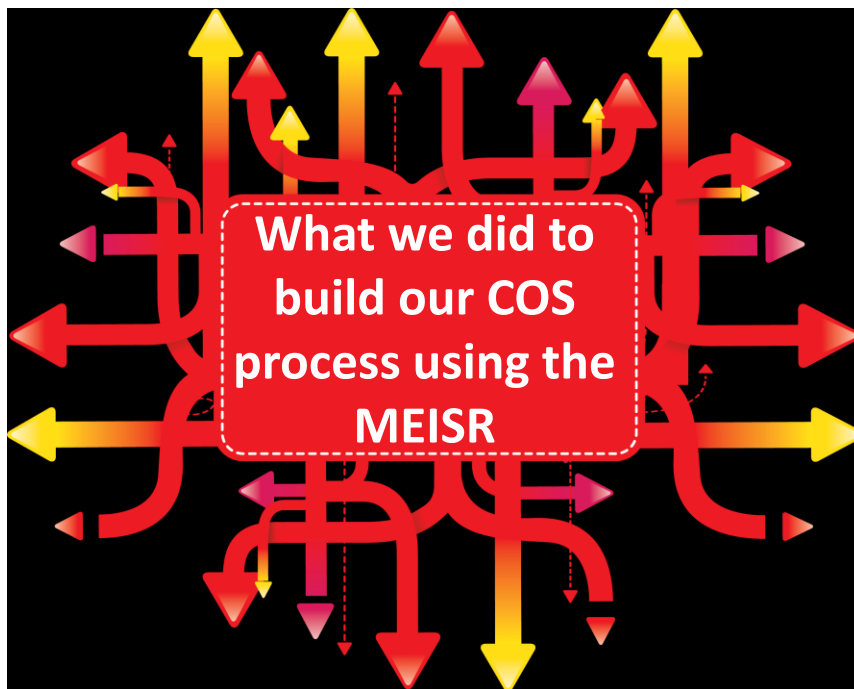


Our  
**WHY**



What is YOUR **WHY**?



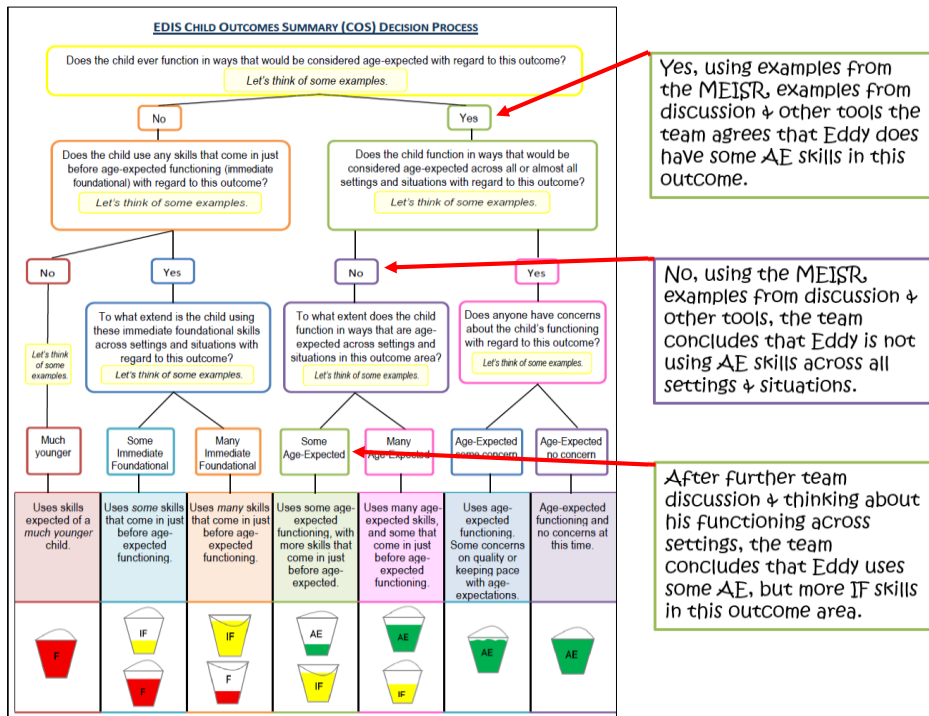


What the MEISR does & does not do

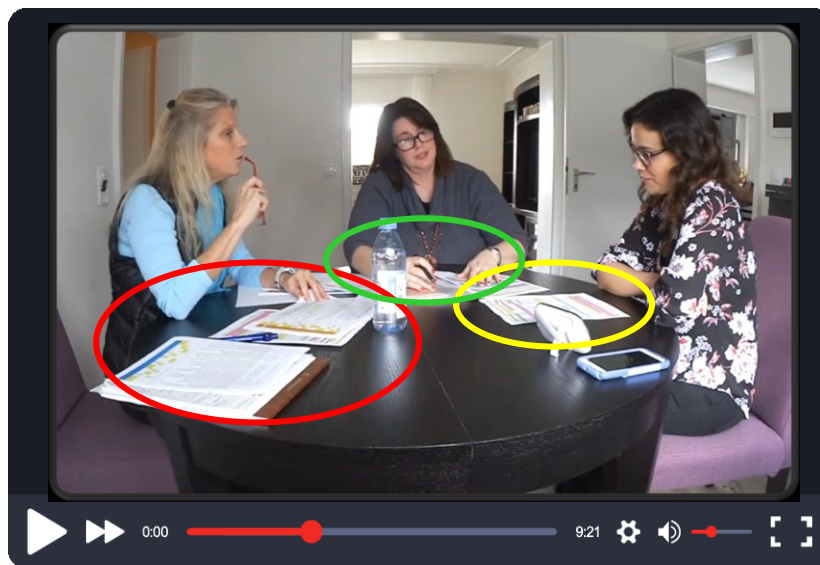




Item #	Routine	Participating in [ROUTINE] by:	Starting Age (Months)	Not Yet	Often /	FUNCa	DEVb	OUTc
10.16	Hanging Out	Turning pages in books (may be several at a time, e.g., 2 or 3)	14	1	1	M	K	
11.09	Grocery Shopping	Imitating saying a new word (e.g., cake, banana, eggs)	14	1	1	CM	K	
3.09	Getting Dressed	Pointing to body part on self when asked	15	1	1	CM, CG	K	
3.11	Getting Dressed	Indicating the name of an article of clothing (e.g., looking at or other	15	1	1	CM	K	
3.12	Getting Dressed	Recognizing self in mirror (e.g., pointing at self)	15	1	1	CG, S	K	
4.06	Toileting/Diaper	Following routine directions with items in sight (e.g., put diaper in bin)	15	1	1	CM	K	
6.19	Play w/ Others	Playing with a variety of toys in their intended manner (e.g., scribbles on paper, shape sorter, ring stacker)	15	1	1	CG	K	
7.19	Play by Self	Patting at pictures in books, turning one or more pages at a time	15	1	1	M, CG	K	
14.06	Transition Time	Recognizing funny transitions and laughs (e.g., putting shoes on hands, down, no water in tub)	15	1	1	CG, S	K	
3.16	Getting Dressed	Using gestures or words to identify 2 or more body parts	18	1	1	CM	K	
3.17	Getting Dressed	Using some signs or words to comment or respond	18	1	1	CM	K	
3.18	Getting Dressed	Following directions to go get (e.g., go get your shoes)	18	1	1	CM	K	
4.08	Toileting/Diaper	Using a sign or word about toilet/diapering (e.g., to comment or respond)	18	1	1	CM	K	
5.20	Going Out	Imitating sounds heard (e.g., animals, vehicles) with or without prompt	18	1	1	CM	K	
5.21	Going Out	Imitating two-word phrase related to going out (e.g., go park, ride car)	18	1	1	CM	K	
7.23	Play by Self	Trying to sing songs/act out familiar finger plays	18	1	1	CG	K	
9.15	Bath Time	Understanding directions and names of things (e.g., wash feet, get cup)	18	1	1	CG, CM	K	
10.17	Hanging Out	Figuring out how to activate/get a toy (e.g., turn toy on, climb to get toy)	18	1	1	CG	K	
10.18	Hanging Out	Showing clear preference or has a favorite picture/book/show	18	1	1	CG	K	
11.11	Grocery Shopping	Identifying items (e.g., for more)	19	1	1	CM	K	
7.24	Play by Self	Stacking blocks (Duplo's)	18	1	1	CG, M	K	
10.19	Hanging Out	Pointing or looking	19	1	1	CG	K	
9.18	Bath Time	Saying name or nick name)	20	1	1	CG	K	
6.22	Play w/ Others	Comment	21	1	1	CM	K	
7.25	Play by Self	Other things belong (e.g., goes to shelf to find	21	1	1	CG	K	
11.12	Grocery Shopping	Your drink and this is mine)	21	1	1	CM	K	
3.20	Getting Dressed	Identifying items on self, others, or doll)	24	1	1	CG	K	
4.12	Toileting/Diaper	Using two word phrases to express self (e.g., me poop, go potty, me poop)	24	1	1	CM	K	
6.25	Play w/ Others	Singing snippets of songs (e.g., happy birthday)	24	1	1	CM	K	
7.27	Play by Self	Jabbering and saying true words too during play	24	1	1	CG	K	
7.28	Play by Self	Pretending by linking 2 or more actions (e.g., feeding, burping, and putting down for nap)	24	1	1	CG	K	
7.29	Play by Self	Pretending objects are something else (e.g., block to represent food)	24	1	1	CG	K	
7.30	Play by Self	Matching two or more identical shapes or colors (e.g., puts round blocks together, picks out same colored cars)	24	1	1	CG	K	
8.11	Nap Time	Understanding directions, such as "finish this (be specific) then it's nap time" (but might not always	24	1	1	CM, CG	K	
9.23	Bath Time	Talking to caregiver understanding 2 or more words he or she says	24	1	1	CM	K	
10.20	Hanging Out	Naming items in a book or on a show	24	1	1	CG, CM	K	
10.21	Hanging Out	Pointing to and naming pictures in a book (3 or more pictures)	24	1	1	CM, CG	K	
10.22	Hanging Out	Talking about shows when they are being watched	24	1	1	CG	K	
12.09	Outside Time	Using sandbox toys appropriately (e.g., not throwing or eating sand)	24	1	1	CG	K	
12.10	Outside Time	Playing purposefully with playground toys (figuring out their best use)	24	1	1	CG	K	
12.12	Outside Time	Showing interest in the playground (may have favorite toy/activity)	24	1	1	CG	K	
13.12	Bedtime	Joining in to sing a song or say a rhyme (repeats part of it)	24	1	1	CG	K	
2.37	Meal Times	Following a 2-part command (e.g., give me the plate and put cup in sink)	25	1	1	CM	K	



## Using the MEISR to Help With COS





## What we learned



## *Our Next Building?*





What else about  
including the  
**MEISR**  
in your  
belt?

Measure of Engagement, Independence, and Social Relationships  
(MEISR)

R. A. McWilliam and N. Younggren (2019)

THIS INSTRUMENT HAS BEEN DESIGNED TO DEVELOP A PROFILE OF FUNCTIONAL BEHAVIORS OF A CHILD FROM BIRTH TO 3 YEARS OF AGE, IN HOME OR COMMUNITY ROUTINES. IT IS TO BE COMPLETED BY A CAREGIVER WHO HAS OBSERVED THE CHILD OFTEN IN THE HOME, SUCH AS A PARENT OR BY A PARENT WITH A PROFESSIONAL. THE PURPOSES OF THE MEISR ARE (a) TO HELP FAMILIES, AS MEMBERS OF INTERVENTION TEAMS, ASSESS THE CHILD'S COMPETENCE IN EVERYDAY SITUATIONS, WHICH MIGHT HELP THEM DECIDE ON INTERVENTION PRIORITIES; (b) TO HELP PROFESSIONALS ASK FAMILIES RELEVANT QUESTIONS ABOUT CHILD FUNCTIONING IN HOME ROUTINES, SUCH AS WHEN CONDUCTING A ROUTINES-BASED INTERVIEW; AND (c) TO MONITOR A CHILD'S PROGRESS.



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