

# Screening Tools for Children Birth to Age Five Years with Potential for Remote Administration

updated October 22, 2020

*This document and additional resources on remote screening, evaluation and assessment can be found at:*  
<https://ectacenter.org/topics/earlyid/remote.asp>

## Purpose

This list of tools was compiled to assist states and programs with identifying assessments that can be administered when the assessor cannot be in the room with the child. We encourage those using this resource to review the recent presentations about applying [assessment principles to evaluation for eligibility remotely](#) for Part C and Part B Preschool.

This resource is a list of screening tools that can be completed remotely when the practitioner cannot be in the room with the child. Screening tools assess the possibility of a disability or delay and whether more extensive assessment may be necessary. These tools can be administered through parent/caregiver questionnaires, through interview, and/or by observation of the child without the administration of direct, structured tasks. These tools include screeners that provide information in multiple domains as well as screeners that focus on one specific area such as speech or motor development.

## What is Included in the Table

The table provides a link to the website where the screening tool can be obtained and, when available, free downloads to the screener. The table also indicates the age range of the tool; areas possible to screen remotely; the administration approach; language translations available; and additional details about administration time if available.

The table does not include informational checklists that do not provide a method to score results. For checklists, developmental milestones, and other similar information, good starting places include the [CDC Learn the Signs. Act Early](#) and the National Center for Hearing Assessment and Management ([NCHAM](#)).

## Disclaimer

The inclusion of a tool on the table does not constitute endorsement or indicate any evaluation about the tool's validity or reliability. The information in the table primarily was gathered from publisher websites. Users are encouraged to thoroughly investigate any assessment tool before adoption or use. The authors do not have experience administering all of the tools in the table. Without purchasing some of the tools, it was difficult to discern specific content, exactly how they were administered, or how much of the content was based on behaviors only likely to be seen in a classroom versus behaviors that could be observed in the home, the classroom, and other settings.

## Feedback Requested

We welcome feedback from individuals who have used these screening tools, especially if the information about the tools in the table is incomplete or inaccurate. If you know of another tool that should be included, please send the name and publisher. Send any feedback or additional information to [Haidee.Bernstein@sri.com](mailto:Haidee.Bernstein@sri.com) and put "Screening Tool" in the subject line. We will revise the table as more information becomes available.

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Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
Ages & Stages Questionnaires, Third Edition (2009)  Brookes	0:1 to 5:6 years	Communication, Gross Motor, Fine Motor, Problem Solving, and Personal-Social	Parent/Caregiver completes in 10-15 minutes. Provider scores in two-three minutes.	English, Arabic, Chinese, French, Spanish, and Vietnamese
Ages & Stages Questionnaire SE-2 (2015)  Brookes	0:1 to 6 years	Social-Emotional development including self-regulation, compliance, social-communication, adaptive functioning, autonomy, affect, and interaction with people	Parent/Caregiver completes the questionnaires in 10-15 minutes. Professionals scores it in one-three minutes.	English, Arabic and French and Spanish.
Brief Infant-Toddler Social and Emotional Assessment (BITSEA) (2002)  mapi	1:0 to 3:0 years	Social-Emotional assessment screener for the ITSEA assessment	Provider form and parent/caregiver questionnaire. Each has 42 items. Completed in five-seven minutes by parent or seven-10 minutes by provider interview.	English, Dutch, Japanese, and Spanish
Brigance Early Childhood Screens III (2013)  Hawker Brownlow or Curriculum Associates	Core screens for Birth to 0:11 years, 1:0 -1:11 years, Birth to 2:11 years  Self-Help and Social-Emotional Screen for 2:0 to 2:11 years	Physical Development, Language Development, Adaptive Behavior and Self-Help, and Social-Emotional skills  Also, Academic Skills/Cognitive Development starting at age two	Provider completes in 10-15 minutes. Parent/Caregiver report form is available. Parent/Caregiver report can be used for all sections for birth–2.11 screens.  Screeners also exist for three-five years and Kindergarten and Grade 1, but they require in-person tasks and use flip charts for administering the screener.	English and Spanish

Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
<p>The Capute Scales Clinical Linguistic &amp; Auditory Milestone Scale (CLAMS) (2005)</p> <p><a href="#">Brookes</a></p>	<p>0:1 to 3:0 years</p>	<p>CLAMS: Expressive and Receptive Language Development</p> <p>Related tool often associated with the CLAMS is the CAT (The Cognitive Adaptive Test (CAT). It is another of the Capute scales for visual-motor problem solving, but it requires direct observation of a child performing specific test items during the assessment and is not for remote administration.</p>	<p>CLAMS: Parent/Caregiver completes questionnaire and clinical observation. Birth through 18 months based on parent report. At older ages, it is a combination of parent report and clinical observation.</p> <p>Questionnaire is 100 items across ages. Not sufficient information about if parents only complete a subset of the items based on their child's age levels.</p> <p>Six-20 minutes to administer both the CLAMS and the CAT.</p>	<p>English</p>
<p>Children's Home Inventory for Listening Difficulties (C.H.I.L.D.)</p> <p><a href="#">Downloaded Inventory</a> (Parent version)</p>	<p>3:0 to 12:0 years</p>	<p>Hearing screener</p>	<p>Parent completes a short questionnaire.</p> <p>No information available about time to complete questionnaire.</p>	<p>English, <a href="#">Arabic</a>, <a href="#">French</a>, and <a href="#">Spanish</a></p>

Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
<p>Communication and Symbolic Behavior Scales Developmental Profile (CSBS DP) (2001)</p> <p>Brookes <a href="#">Website</a> or Download <a href="#">Infant-Toddler Checklist</a> (free)</p>	<p>0:6 to 2:0 years functional level communication</p> <p>0:6 to 6:0 years chronological age if developmental delays are present</p>	<p>Measures seven language predictors: emotion and eye gaze, communication, gestures, sounds, words, understanding, and object use</p> <p>Behavior Sample is also available (30 minutes) but it is face-to-face interaction with a kit. It involves warm-up with the child and then sample behavior in various contexts: communicative temptations, book sharing, symbolic play probes, language comprehension probes, and constructive play probes. The Behavior Sample measures 20 scales that comprise the Social, Speech, and Symbolic composites, and professionals record the presence or absence of 20 types of behavior on a scoring worksheet. One-page caregiver perception form indicates how usual child's behavior was during behavior sample.</p>	<p>Parent/Caregiver completes the checklist. Provider scores the checklist. Follow up questionnaire and/or behavior sample available for use, if indicated.</p> <p>Five-10 minutes for the Infant-Toddler Checklist (24 multiple choice questions). It takes 15-25 minutes for the Caregiver Questionnaire (four pages, parent completes this form for more detail if checklist suggests concern).</p> <p>Norm-referenced</p>	<p>English</p>

Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
Developmental Observation Checklist System (DOCS) (1994)  <a href="#">Pro-ed Australia</a>	Birth to 6:0 years	DOCS has three-parts: Developmental Checklist (DC) including Language, Motor, Social, and Cognitive Development, Adjustment Behavior Checklist (ABC), and Parent Stress and Support Checklist (PSSC).	Inventory/checklist completed by parent/caregiver. Yes/no questions on DC. Four-point Likert-type questions on the ABC and PSSC.  Completed in about 30 minutes.  Normed based on 1990 Census population. DOCS provides quotients, NCE scores, age equivalents, and percentiles.	English
Early Screening Profile (ESP) (1990)  <a href="#">Pearson</a>	2:0 to 6:11 years	The sections that can be completed remotely by the parent/caregiver are: Self-Help/Social Profile, Home Survey, and Health Survey.  Other components involving direct, not remote, administration and stimulus books: Cognitive/Language, Motor, and Behavior sections	Parent/Caregiver completes self-help/social and home survey and health history survey.  Completed in 15-40 minutes  Insufficient information is available to determine if parent-completed sections are designed and validated to be scored separately from the other sections on the tool.	English

Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
<p>Early Screening Inventory-Revised (ESI-R) (2008)</p> <p><a href="#">Pearson</a></p>	<p>ESI-P: 3:0 to 4:5 years ESI-K: 4:6 to 5:11 years</p>	<p>Parent Questionnaire on Social-Emotional and Adaptive Behavior</p> <p>Individually administered assessment not effective for remote administration includes; Visual Motor/Adaptive domain, Language and Cognition domain, and Gross Motor domain. Screening recommendations are based on total score across all three domains. Kits are available.</p>	<p>The parent questionnaires can be purchased separately.</p> <p>No information available about time to complete questionnaires.</p> <p><a href="#">Resources</a> available, including brochure and informational video.</p>	<p>English and Spanish</p>
<p>ELF – Early Listening Function</p> <p>Download: <a href="#">Manual and screener here</a> (free) Opticon version <a href="#">here</a></p>	<p>Infants and toddlers</p>	<p>Checklist/Rating scale to measure hearing loss that includes having parents conduct 12 activities that help determine the size of the child’s “listening bubble.”</p>	<p>No information available about time to complete checklist/rating scale.</p>	<p>English</p>

Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
<p>Eyberg Child Behavior Inventory (ECBI) and Sutter-Eyberg Student Behavior Inventory Revised (SESBI-R)</p> <p><a href="#">PAR</a></p>	<p>2:0 to 16:0 years</p>	<p>Screens for conduct problems such as noncompliance, defiance, aggressiveness, and impulsiveness.</p> <p>Nine <a href="#">problem behavior groupings</a> have been described using this tool.</p>	<p>Parent/Caregiver completes questionnaire in five minutes</p> <p>Assesses frequency and intensity of problem behaviors/disruptive behaviors and extent parent finds behavior troublesome.</p> <p>See <a href="#">fact sheet</a>.</p> <p>ECBI completed by parents about behavior at home. SESBI-R is completed by caregiver/teacher.</p> <p>Example score <a href="#">report</a>.</p>	<p>English and Spanish available from PAR. Translations in 21 other languages, including Chinese, Japanese, German, and Russian, are available by request.</p>
<p>Infant Developmental Inventory (1994)</p> <p><a href="#">Child Development Review</a></p>	<p>Birth to 1:6 years</p>	<p>Social, Self-Help, Gross Motor, Fine Motor, and Language</p> <p>Ages of skills based on when most children (75%) demonstrate skill; tool's usefulness may extend depending on child's development.</p>	<p>Completed by the provider or parent/caregiver</p> <p>Completed in five-10 minutes, written at seventh and eighth grade levels</p> <p>Provider scores it.</p>	<p>English and Spanish</p>
<p>Infant/Toddler Symptom Checklist (ITSY) (1995)</p> <p><a href="#">Google books</a></p>	<p>0:7 to 2:6 years</p>	<p>Sensory and regulatory disorders. Specific domains are: Self-Regulation, Attention, Sleep, Eating/Feeding, Dressing, Bathing, and Touch, Movement, Listening and Language, Looking and Sight, and Attachment/Emotional functioning</p>	<p>Questionnaire completed by parent/caregiver</p> <p>Completed in 10-20 minutes</p> <p>Additional summary information <a href="#">here</a>.</p>	<p>English</p>



Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
<p>MacArthur-Bates Communicative Development Inventory (2018)</p> <p><a href="#">Brookes</a></p>	<p>0:8 to 2:6 years</p> <p>Short form extension for English-learning children up to 3:1 years</p>	<p>Language and Communication skills</p> <p>Words and Gestures form for eight to 18 months</p> <p>Words and Sentences form for 16 to 30 months</p> <p>Forms may be used with children outside those age ranges if they have developmental delays.</p> <p>Asks about children's developing abilities in early language including vocabulary comprehension, production, gestures, and grammar</p>	<p>Completed by parent/caregiver or as a structured provider Interview</p> <p>Completed in 20-40 minutes and provider scores in 10-15 minutes</p> <p>Percentiles and classifications are provided. Additional information about scoring at <a href="#">CDI</a>.</p> <p>Insufficient information to determine if tool is primarily a screener or detailed enough for diagnostic use, but also provides classification cutoffs.</p>	<p>English and Spanish forms. Also, numerous adaptations for different languages are listed. See all the languages listed <a href="#">here</a>.</p>
<p>Modified Checklist for Autism in Toddlers Revised with Follow-Up (MCHAT-R/F) (2009)</p> <p><a href="#">M-CHAT screening website</a> (free)</p>	<p>1:4 to 2:6 years</p>	<p>Screens for autism spectrum disorder or developmental delay</p>	<p>Approximately 20 questions completed by parent/caregiver. No specific qualifications required to score results. Go to this <a href="#">link</a> to see the print version of items.</p> <p>Information about the tool and scoring available <a href="#">here</a>.</p>	<p>Approximately 70 translations available. See this <a href="#">link</a> for more information.</p>

Name and Publisher/Website	Age Range	Areas Possible to Screen without Direct Assessment	Administration Details and Additional Notes	Language
Parents' Evaluation of Developmental Status (PEDS) (2012) Parents' Evaluation of Developmental Status: Developmental Milestones (PEDS: DM)  <a href="#">PEDSTEST</a>	Birth to 7:11 years	<p>PEDS identifies parental concerns with learning, intellectual, language, mental health, autism spectrum, and motor disorders.</p> <p>PEDS:DM provides information about parent report about key developmental milestones predictive of delays in Fine Motor, Gross Motor, Expressive Language, Receptive Language, Self-Help, Social-Emotional, Academic/Pre-Academic. A Cognitive score also is derived from information collected. See <a href="#">validation</a>.</p>	<p>PEDS 10 items completed by the parent/caregiver or using interview. PEDS: DM 6-8 items. Recommended to use tools together.</p> <p>Completed in five-15 minutes.</p> <p>Provider scores the predictive/non-predictive concerns.</p> <p><a href="#">Additional information</a> on sensitivity, specificity, and cost.</p>	<p>PEDS is available in more than 50 languages.</p> <p>PEDS DM is available in 12 languages</p> <p>More information on <a href="#">translations</a>.</p>
Parents' Evaluation of Developmental Status: Developmental Milestones-Assessment Level (PEDS: DM-AL)  <a href="#">PEDSTEST</a>	Birth to 7:11 years	<p>Fine Motor, Gross Motor, Expressive Language, Receptive Language, Self-Help, Social-Emotional, and Academic/Pre-Academic</p> <p>A Cognitive score also is derived from information collected. See <a href="#">validation</a>.</p> <p>PEDS:DM-AL is for use with groups with more elevated risk for developmental delays and has additional items.</p>	<p>Options for parent completed questionnaire, interview, or direct interaction with child.</p> <p>Takes about 30-45 minutes depending on administration approach.</p> <p>PEDS:DM-AL provides cutoffs for concerns, age equivalents, and percent delay. It can be used for screening and/or progress monitoring.</p> <p>Example <a href="#">case study</a> showing reports.</p>	<p>English.</p> <p>More information about <a href="#">possible translations</a>.</p>

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<p>Pediatric Symptom Checklist (PSC)</p> <p>Download at <a href="#">Bright Futures</a> or <a href="#">Massachusetts General Hospital</a></p>	<p>3:0 years to adult</p> <p>Larger validation study was with children 4 years and older</p> <p>Encourage review of preschool data</p>	<p>Indicates if further evaluation is needed for attention, anxiety/ depression (internalizing), conduct (externalizing), or overall psychosocial dysfunction concerns.</p>	<p>Parent/Caregiver completed questionnaire (or youth age 11 or over or adults can complete their own form [the Y-PSC]). Main form has 35 items, a brief 17-item version is also available. A pictorial version is also available. Total score cutoff for high risk and further investigation. Also, subscales with cutoffs for each of the areas listed in column to the left.</p> <p>See more detailed <a href="#">information</a>.</p>	<p>Available in over 30 <a href="#">languages</a>.</p>
<p>Pervasive Developmental Disorders Screening Test II (2004)</p> <p><a href="#">Pearson</a></p>	<p>1:6 to 4:0 years</p>	<p>Detection of autism and spectrum disorders</p>	<p>Completed by parent/caregiver screening measure in less than 20 minutes.</p> <p>Three different forms for primary care setting, developmental clinic setting, and autism clinic severity setting with different cutoffs and implications. See <a href="#">more</a>.</p> <p>More detail about <a href="#">costs</a> here.</p>	<p>English</p>

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Social Communication Questionnaire (SCQ)  <a href="#">WPS</a>	4:0 years to adult with mental age over 2:0 years	Detection of autism and spectrum disorders  Current (last three months) and Lifetime forms	Completed by parent/caregiver with 40 yes/no items.  Completed in less than 10 minutes.  Total score with cutoff points	English, Danish, Dutch, Finnish, German, Hebrew, Hungarian, Icelandic, Italian, Japanese, Korean, Norwegian, Romanian, Russian, Spanish, and Swedish

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<p>Survey of Well-Being of Young Children (SWYC) (2016)</p> <p>Download manual and forms at: <a href="#">Tufts Medical Center</a> (free)</p>	<p>0:1 to 5:6 years</p>	<p>Full form screens for: Cognitive, Language and Motor Development, Behavioral and Emotional adjustment, autism risk, and family stress.</p> <p>Different components of SWYC:  The SWYC Milestones assesses the child's Cognitive, Language, and Motor Development.  The Baby (&lt; 18 months) Pediatric Symptom Checklist and Preschool (18-66 months) Pediatric Symptom Checklist assess behavioral and emotional symptoms. The Parent's Observations of Social Interactions (16-36 months) assesses risk for autism spectrum disorder.  Family Questions assesses the stress present in the child's family environment, including parental depression, discord, substance abuse, food insecurity, and parent's concerns about the child's behavior, learning, or development.</p>	<p>Depending on child's age, there are roughly 40 questions for parent/caregiver to complete on a two-page form.</p> <p>Completed by parents in less than 10 minutes.</p> <p>Further details about scoring available <a href="#">here</a>.</p>	<p>English, Spanish, Khmer, Burmese, Nepali, Portuguese, Haitian-Creole, Arabic, Somali and Vietnamese. Learn more about the <a href="#">translations</a>.</p>
<p>Temperament and Atypical Behavior Scale (TABS) (1999)</p> <p><a href="#">Brookes</a></p>	<p>0:11 through 5:11 years</p>	<p>Atypical regulatory behavior</p>	<p>Questionnaire completed by parents and/or providers  Scored by providers</p> <p> Screener completed in five minutes, assessment tool 15 minutes.</p>	<p>English</p>

## Additional Resources

American Academy of Pediatrics. [Screening Tool Finder](#)

Bridges, L. J., Berry, D. J., Calkins, J., Johnson, R., Calkins, J., Margie, G., Cochran, S., Ling, T. J., & Zaslow, M. J. (2004). [Early Childhood Measures Profile](#). Child Trends.

Elon University. [Tests & Measures: A Resource for Pediatric Physical Therapy Practitioners](#)

Halle, T., Zaslow, M., Wessel, J., Moodie, S., & Darling, K.E. (2011). [Understanding and Choosing Assessments and Developmental Screeners for Young Children 3-5](#). Child Trends.

The National Training and Technical Assistance Center operated by NICHQ with funding from HRSA offers a searchable website of Evidence-Based Practices with information on a variety of assessments. [Healthy Start EPIC Center](#)

Ohio Dept of Education (2010). [http://www.esc-cc.org/Downloads/Catalog\\_Screen\\_assessment2.pdf](http://www.esc-cc.org/Downloads/Catalog_Screen_assessment2.pdf)

Ringwalt, S. (2008) [Developmental Screening and Assessment Instruments](#). National Early Childhood Technical Assistance Center.

Snow, C.E. & Van Hemel, S.B. (2008) [Early Childhood Assessment: What, Why and How](#). National Research Council.

Tribal Early Childhood Research Center. (2018). [The Tribal Early Childhood Measures Compendium](#).

University of Alberta. [Early Childhood Measurement Tool Reviews](#)

University of Manitoba. [Psychology: Assessments, Tests, and Measures](#)

Washington State. (2008). [A Guide to Assessment in Early Childhood: Infancy to Age Eight](#).

West Virginia List for infants and toddlers. [https://www.wvdhhr.org/birth23/lawandregs/wvbt\\_assessment\\_tools\\_050109-final.pdf](https://www.wvdhhr.org/birth23/lawandregs/wvbt_assessment_tools_050109-final.pdf)