Assessing Dyspraxia and DCD

Prepared by Sharon A Cermak 2023

Author, Year	Description	Ages (Yrs ^{Mo})	Time to	Web URL
	CODE			
11111 2007				1
Wilson, 2007	identify children at risk for motor disorders	5 to 14.5 yrs	5-10 minutes	http://www.dcdq.ca/ Available online (free)
(Research in process-Cermak)	15 item parent questionnaire; International collaboration by 14 countries;	3-4 yrs	10 min; parent completed questionnaire	Based on DCDQ
Wilson	15-item parent report questionnaire to identify children at-risk for DCD	3-4 years	5-10 min	Based on DCDQ. Low cost. http://www.dcdq.ca/little-dcdq-ca.html Wilson, B.N., Creighton, D., Crawford, S.G., Heath, J.A., Semple, L., Tan, B., & Hansen, S. (2014). Psychometric Properties of the Canadian Little Developmental Coordination Disorder Questionnaire for Preschool Children. Physical & Occupational Therapy in Pediatrics.
Shoemaker et al., 2008	18 item teacher questionnaire to identify children with DCD. Two factors: General motor functioning and Handwriting/fine motor	5-11 yrs	5-10 min	https://doi.org/10.1016/j.humov.2008.02.003
Rosenblum, 2006 (Israel)	21 items reflecting ADL skills, motor performance, and organization in time and space	5-6 yrs	5-10 min	https://www.researchgate.net/publication/6777088_The_deve lopment_and_standardization_of_the_Children_Activity_Scal es_ChASPT_for_the_early_identification_of_children_with_Developmental Coordination Disorders
May- Benson et al., 2006;	Quick screening tool to assess motor planning	3-5 yrs		Ivey, C. K., Lane, S. J., & May-Benson, T. A. (2014). Interrater reliability and developmental norms in preschoolers for the Motor Planning Maze Assessment (MPMA). American Journal of Occupational Therapy, 68, 539–545. http://dx. doi.org/10.5014/ajot.2014.012468
Rosenblum et al., 2015 (Israel)	Child report. 10 items cover three domains: legibility, performance time, physical and emotional well-being	7-14 yrs	5 min	doi: 10.5014/ajot.2015.014761.
Kirby et. al., 2010	Screens adolescents and young adults at risk for motor coordination deficits (DCD). 40 items	17-42	15-20 minutes	doi:10.1016/j.ridd.2009.08.010
	Wilson, 2007 (Research in process-Cermak) Wilson Shoemaker et al., 2008 Rosenblum, 2006 (Israel) May-Benson et al., 2006; Rosenblum et al., 2015 (Israel) Kirby et.	Wilson, 2007 (Research in process-Cermak) Wilson 15 item parent questionnaire to identify children at risk for motor disorders (Research in process-Cermak) 15 item parent questionnaire; International collaboration by 14 countries; Wilson 15-item parent report questionnaire to identify children at-risk for DCD Shoemaker et al., 2008 Shoemaker et al., 2008 Rosenblum, 2016 (Israel) Rosenblum ct al., 2006; Rosenblum ct al., 2015 (Israel) Child report. 10 items cover three domains: legibility, performance time, physical and emotional well-being Kirby et. al., 2010 Kirby et. al., 2010 Stem parent questionnaire to identify children with DCD. Two factors: General motor functioning and Handwriting/fine motor dispute the process of the process of the process of the parent questionnaire; International collaboration by 15 item parent questionnaire; International collaboration by 14 countries; International collaboration by 14 countries; Sement questionnaire; International collaboration by 14 countries; International collaboration by 16 cuntries; International collaboration by 16	Wilson, 2007 Streen parent questionnaire to identify children at risk for motor disorders Sto 14.5 yrs	Screening Questionnaire to identify children at risk for motor disorders 15 item parent questionnaire; International collaboration by 14 countries; 15-item parent report questionnaire to identify children at-risk for DCD 15-item parent report questionnaire to identify children at-risk for DCD 15-item parent report questionnaire to identify children at-risk for DCD 15-item parent report questionnaire to identify children at-risk for DCD 15-item parent report questionnaire to identify children with DCD. Two factors: General motor functioning and Handwriting/fine motor 21 items reflecting ADL skills, motor performance, and organization in time and space 3-5 yrs 5-10 min 5-10 m

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	Tal-Saban et	Screens adolescents and young	19-25	5-10 min	https://doi.org/10.5014/ajot.2012.003251	
	al., 2012	adults for motor coordination				
Questionnaire (AAC-		deficits (DCD). Self-report				
Q)		questionnaire.	NCE DAGED N	 ORM REFERENC	VED.	
Sensory Integration and	Ayres, 1989	17 tests in visual perceptual, visual	40 to 811 yrs	1 ½ hrs;	https://www.wpspublish.com/sipt-sensory-integration-and-praxis-	
Praxis Tests (SIPT)	Ayres, 1989	motor, praxis, somatosensory,	4 10 8 yrs	½ hr praxis tests	tests	
Traxis Tests (Sil 1)		vestibular and proprioceptive		72 III praxis tests	tests	
Dynamic Occupational	Katz &	22 subtests in 5 cognitive areas	6 – 12yrs	1 ½ hrs total	http://www.pearsonassessments.com/HAIWEB/Cultures/en-	
Therapy Cognitive	Parush, 2004	including Praxis		test;	us/Productdetail.htm?Pid=076-1600-116&Mode=summary	
Assessment for		_		½ hr praxis		
Children (DOTCA-Ch)				section		
	Bruininks &	Motor performance	4-21yrs	45-60 mins long	http://www.pearsonassessments.com/HAIWEB/Cultures/en-	
	Bruininks,			form;	us/Productdetail.htm?Pid=PAa58000	
Proficiency-2 (BOT-2)	2005			15-20 mins short form		
Movement Assessment	Barnett &	Motor performance	3-25 yrs	20-40 mins;	Pearson	
	Henderson,	Motor performance	3-23 y18	10 mins	https://www.pearsonassessments.com/store/usassessments/en/Store/	
	2023			checklist	Professional-Assessments/Motor-Sensory/Movement-Assessment-	
	-				Battery-for-Children%2C-Third-Edition/p/P100051002.html	
	Miller, 2006	Functional motor skills: Fine	2 ⁶ to 7 ¹¹ yrs	45-60 mins total;	http://www.pearsonassessments.com/HAIWEB/Cultures/en-	
Participation Scales (M-		motor, gross motor, visual motor		20-30 mins each	us/Productdetail.htm?Pid=015-8015-886&Mode=summary	
FUN- PS)	7.11			subtest		
2 1	Folio &	Gross and fine motor skills	0-5yrs	45-60 mins total;	http://portal.wpspublish.com/portal/page?_pageid=53,69919&_dad	
`	Fewell, 2000			20-30 mins for	=portal&_schema=PORTAL	
2) Miller Assessment for	Miller, 1988	Developmental status in five areas	2 yrs 9 mo-5	each subtest 30-40 min	Pearson assessments (out of print)	
Preschoolers (MAP)	14111161, 1900	of performance	yrs 8 mo	30-40 IIIII	1 carson assessments (out or print)	
1 resemblers (WIAI)			RCEIVED CON	MPETENCE		
Perceived Efficacy	Missiuna,	Child's self-reported	5-10yrs	20-30 mins	http://www.pearsonassessments.com/HAIWEB/Cultures/en-	
_	Pollock, &	performance on everyday tasks			us/Productdetail.htm?Pid=076-1606-211&Mode=summary	
•	Law, 2004					
	Goldstand'	criterion referenced	2 nd through	15-20 min	Therapro	
A child's self-	Gavir,	handwriting self-assessment	5 th grade		https://www.therapro.com/Heres-How-I-Write-A-Childs-	
assessment and goal	Cermak,	tool to	7-12 years		Self-Assessment-and-Goal-Setting-Tool-Improving-	
•	Bissell,	engage children in the			Handwriting 2.html	
	2013	handwriting evaluation and				
		intervention process				
RELATED SKILLS-EXECUTIVE FUNCTIONS						
\mathbf{c}	Gioia,	Executive functions. Planning	3-6yrs	20 mins	http://www4.parinc.com/Products/Product.aspx?ProductID=B	
	Isquith,	and organization subtests	5-18yrs		RIEF	
	Guy,		18+yrs			
(BRIEF 2)	Kenworthy,		I			
	2015					

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Children's Organizational Skills Scale (COSS)	Abikoff & Gallagher, 2009	Measures organization, time management, and planning skills. Parent, teacher, self-report scales	8-13 yrs	20 min	Western Psychological Services https://www.wpspublish.com/childrens-organizational-skills- scale
Conners, Third ed. (Conners 3)	Conners, 2008	Teacher, parent, and self-report scales all available in long and short forms	6-18 yrs	20 min (long form) 10 min (short form) 5 min (ADHD Index)	Western Psychological Services https://www.wpspublish.com/conners-3-conners-third-edition.html
	•		PARTICIPA	TION	
Pediatric Interest Profiles (PIP)	Henry, 2000	Children's interests and feelings of competence in play and leisure activities	6-9yrs 9-12yrs 12-21yrs	10-20 min	http://www.uic.edu/depts/moho/images/assessments/PIPs%20Manual.pdf
Children's Assessment of Participation and Enjoyment (CAPE)	King et al., 2004	Children's participation in recreation and leisure	6-21yrs	30-45 mins	http://www.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=076-1606-432&Mode=summary
Child and Adolescent Scale of Participation (CASP)	Bedell, 2011	Caregiver report. 20 items measure extent to which children participate in home, school, and community activities compared to same-age peers.	5+	10 min	http://sites.tufts.edu/garybedell/files/2012/07/CASP-Administration- Scoring-Guidelines-8- 19-11.pdf
Participation and Environment Measure for Children and Youth PEM-CY	Coster Bedell et al., 2014	Parent report. Evaluates environmental influences on children's participation	5-17 yrs	20-23 min	https://sites.tufts.edu/garybedell/measurement-tools/
Name of Test	Author, Year	Description	Ages (Yrs ^{Mo})	Time to Administer	Web URL
Preferences for Activities of Children (PAC)	King et al., 2004	Preferences for each recreation and leisure activity	6-21yrs	15-20 mins	http://www.pearsonassessments.com/HAIWEB/Cultures/enus/Productdetail.htm?Pid=076-1606-432&Mode=summary
Children's Helping Out- Responsibilities, Expectations and Support (CHORES)	Dunn, 2004; Dunn et al., 2009	Child's participation in household tasks	6-14yrs		Dunn, L. (2004). Validation of the CHORES: A measure of schoolaged children's participation in household tasks. <i>Scandinavian Journal of Occupational Therapy, 11</i> (4), 179–190. Dunn, L., Coster, W. J., Orsmond, G. I., & Cohn, E. S. (2009). Household task participation of children with and without attentional problems. <i>Physical & Occupational Therapy in Pediatrics, 29</i> (3), 258-73.
Pediatric Evaluation of Disability Inventory (PEDI)	Haley et al., 1992	Analysis of functional capabilities	6 mo – 7yrs	45-60 mins	http://www.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=076-1617-647&Mode=summary
Pediatric Evaluation of Disability Inventory Computer Adaptive Test (PEDI-CAT)	Haley, Coster et al.	Measures abilities in 3 functional domains of Daily Activities, Mobility and Social/Cognitive.	Birth-20 yrs		http://www.bu.edu/bostonroc/instruments/pedi/

ADL and IADL						
Vineland Adaptive Behavior Scales-3 (Vineland-3)	Sparrow, Cicchetti, & Saulnier, 2016	Measure adaptive behavior in five domains (11 subdomains): Communication, Daily Living Skills, and Socialization, Motor, Maladaptive Behavior	Birth-90 yrs	Two survey forms: Interview Rating Scale Teacher 20-60 min	https://www.google.com/search?client=firefox-b-1-d&q=Vineland+Adaptive+Behavior+Scales	
Psychometric properties of DCDDaily-Q: parental questionnaire on children's performance in activities of daily living (DCDDaily-Q)	Van der Linde et al., 2014 (Netherlands)	Parent questionnaire with 23 items in Fine motor activities (e.g. writing, coloring), Self-care and self-maintenance (e.g, washing hands, drying after a shower) and Gross motor playing (e.g. throwing, kicking ball)	5-8 years	15 min	https://doi.org/10.1016/j.ridd.2014.03.008	
Do-Eat	Josman et al., 2010 (Israel)	Ecological test in natural surroundings. 3 Tasks: make a sandwich, prepare chocolate milk and fill out certificate	5-6.5 yrs	25-30 min	https://www.therapro.com/Browse-Category/Functional-Skills-Adaptive-Behavior/DO-EAT-Performance-based-Assessment-Tool-for-Children.html https://youtu.be/6dI7F0-4goI	
School-Assessment of Motor and Process Skills (school-AMPS), 2 nd ed.	Fisher, 2007	Quality of students schoolwork task performance in classroom setting (23 standardized schoolwork tasks can be observed	4-11 yrs	30-60 min	https://www.innovativeotsolutions.com/online-store/school-amps-2nd-edition/	
School Function Assessment (SFA)	Coster et al., 1998	Evaluate student's performance of functional tasks	Kindergarten – Grade 6	20-30 mins	http://www.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=076-1615-709&Mode=summary	
Daily Life Functiosw Questionnaiure (DLF- Q)		Two sections; 12 items assess non-academic functionin in activities requiring coordination, organization and planning; 4 items assess academic areas related to handwriting	18			
				ATIONS(?HELP)		
Ideation	May-Benson & Cermak, 2007	Ideational aspects of praxis	5-8yrs	30 mins	http://www.tmbeducationalenterprises.com/pdf/TIPManual.pdf	
Structured Observations of Sensory Integration- Motor (SOSI-M)	Blanche, Reinoso, Kiefer, 2020	Nationally standardized assessment of sensory-based motor skills, based on Ayres clinical observations (English & Spanish). Assess proprioception, vestibular processing, motor planning, and postural control.	5-14	20-40 min	https://www.academictherapy.com/detailATP.tpl?eqskudatarq=228 1-1	
Comprehensive Observations of Proprioception (COP-R)		Behavioral observation to provide information motor and behavioral processing related to proprioceptive processing.	5-14			

	BIRTH TO FIVE					
Affordances in the Home Environment for Motor Development – Self-Report (AHEMD- SR)	Rodrigues et al., 2005 Gabbard et al., 2008;	Motor development in the home	3-18 months 18-42 months	20 mins	http://www.ese.ipvc.pt/dmh/AHEMD/ahemd_5.htm	
Battelle Developmental Inventory, 2 nd ed. (BDI- 2)	Newborg, 2004	Development in 5 domains (personal-social, adaptive, motor, communication, cognitive)	0-7 ¹¹ yrs	1-2 hours total test; 10-30 mins screening test	http://www.riversidepublishing.com/products/bdi2/index.html	
Mullen Scales of Early Learning	Mullen, 1995	Cognitive and motor ability (Gross motor, fine motor, visual reception, expressive and receptive language)	0-68 months	15 mins (1 yr); 25-35 mins (3 yrs); 40-60 mins (5 yrs)	http://psychcorp.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=PAa11150	
Bayley Scales of Infant and Toddler Development-3 (Bayley-III)	Bayley, 2005	Development in 5 domains (adaptive behavior, cognitive, language, motor, social-emotional)	1-42 months	30-90 mins (depending on age of child)	http://www.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=015-8027-23X	
Toddler and Infant Motor Evaluation (TIME)	Miller & Roid, 1994	8 subtests of motor performance (mobility, stability, motor organization, social/emotional, functional performance)	0-42 months	15-45 mins	http://www.pearsonassessments.com/HAIWEB/Cultures/en-us/Productdetail.htm?Pid=076-1642-846&Mode=summary	
Ages and Stages Questionnaire (ASQ)- III	Squires & Bricker, 2009	Parent questionnaire 21 questionnaires for different ages in five domains: gross motor, fine motor, probe-solving, communication, personal-social (30 questions at each age). Cut score for each domain	1 mo to 66 mo	10-15 min	https://brookespublishing.com/product/asq-3/	
Alberta Infant Motor Scale (AIMS)	Piper et al., 1994	Motor development in high-risk infants	2 wks-18 month	20-30 mins	http://www.therapybc.ca/eLibrary/docs/Resources/AIMS%20Evide nce%20Summary%20-%20October%203rd.pdf	
Denver Developmental Screening Test II (DDST-II)	Frankenburg et al., 1992	Identify developmental delays	0-6yrs	10-20 mins	http://denverii.com/denverii/	