

## UKAT Rapid Literature Review

### Literature Coding Protocol

January 14, 2020

Variable	Coding	Data Definitions
<b>Source Document</b>		
A. Article	<i>Enter file name in form of First Author's Last Name and Publication year:</i> <b>Edyburn2005.pdf</b>	
<b>Section 1: Setting</b>		
B. Country	<i>Enter one country</i> B1 Australia B2 Canada B3 United States B4 United Kingdom B5 Other B6 Unable to determine	<ul style="list-style-type: none"> <li>• Country where the research was conducted</li> <li>• Country of the first author</li> <li>• Sometimes the journal name reveals a specific country</li> </ul>
C. Community	<i>Enter one community type</i> C1 Not relevant C2 Rural C3 Urban C4 Suburban C5 Multiple community types C6 Unable to determine	<ul style="list-style-type: none"> <li>• Only code the community if the article describes research participants</li> <li>• Otherwise, code as C1</li> </ul>
D. Location	<i>Enter one primary location</i> D1 Not relevant D2 School – K-12 General ed classroom D3 School – K-12 Resource room D4 School – K-12 Self-contained class D5 School – K-12 Separate school D6 School - General school location D7 School - Other school setting D8 Community D9 Family home D10 Other residence D11 Hospital/clinic D12 University setting D13 Online/Distance learning setting D14 Other setting D15 Unable to determine	<ul style="list-style-type: none"> <li>• Only code the location if the article describes research participants</li> <li>• Otherwise, code as D1</li> </ul> <p>D6 such as gym, library D7 not described by D2 – D6</p>

<b>Section 2: Participants</b>		
E. Number	E1 <i>Enter total number of participants</i>	<ul style="list-style-type: none"> <li>• Only code the number of participants if the article describes research participants</li> <li>• Otherwise, code as 0</li> </ul>
F. Grade Level	<i>Enter one grade level</i> F1 No grade level specified F2 early learning F3 elementary F4 middle/secondary F5 further education F6 a combination that cross the levels	F1 education in general F2 ages 2-6 or pre-K/ K F3 ages 7-11 or grades 1-6 F4 ages 12-17 or grades 7-12 F5 ages 18+ or grade 13-16 or college or higher education or post-secondary education
G. Disability	<i>Enter one disability category</i> G1 No disability specified G1 autism G3 deaf-blindness G4 deafness G5 emotional/behavioral disturbance G6 hearing impairment G7 intellectual disability G8 physical disabilities G9 specific learning disability G10 speech language or communication G11 traumatic brain injury G12 visual impairment	G6 includes deafness G7 includes mental retardation, multiple disabilities, profound G9 includes dyslexia G12 includes blindness

**Section 3: Assistive Technology**

<p>H. Type of assistive technology</p>	<p>Select the primary form of assistive technology</p> <p>H1 Not relevant</p> <p><b>access</b></p> <p>H2 alternative input</p> <p>H3 audio recording</p> <p>H4 Braille</p> <p>H5 closed captioning</p> <p>H6 OS accessibility</p> <p>H7 screen magnification</p> <p>H8 screen reader</p> <p>H9 speech generation</p> <p>H10 speech recognition</p> <p>H11 tactile graphics</p> <p>H12 text description</p> <p>H13 text-to-speech</p> <p>H14 other access</p> <p><b>behavioral/social</b></p> <p>H15 behavioral supports</p> <p>H16 self monitoring</p> <p>H17 visual supports</p> <p>H18 other behavioral/social</p> <p><b>communication</b></p> <p>H19 AAC</p> <p>H20 low tech communication systems</p> <p>H21 listening</p> <p>H22 symbol support</p> <p>H23 vocabulary development</p> <p>H24 other communication</p> <p><b>independence</b></p> <p>H25 robots</p> <p>H26 other independence</p> <p><b>learning/cognition</b></p> <p>H27 computational aid</p> <p>H28 executive functioning</p> <p>H29 graphic organizer</p> <p>H30 maths tools</p> <p>H31 memory aid</p> <p>H32 reading/literacy</p> <p>H33 self-regulation</p> <p>H34 spelling</p> <p>H35 text simplification</p> <p>H36 virtual manipulative</p> <p>H37 virtual/augmented reality</p>	<p>H2 alt keyboard, alt mouse, eye gaze, switch, voice</p>
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	<p>H38 word prediction  H39 writing tools  H40 other learning/cognition  <b>mobility</b>  H41 mobility  H42 navigational aid  H43 other mobility</p>	
I. Assistive technology constructs	<p><i>Enter one assistive technology construct</i>  I1 Not relevant  I2 AT Advocacy  I3 AT Assessment  I4 AT Decision-making  I5AT Devices  I6 AT Services  I7 AT Legal issues  I8 AT Outcomes  I9 AT Personnel  I10 AT Policy  I11 AT Research &amp; Development  I12 Service Delivery: AEM  I13 Service Delivery: UDL  I14 Other AT construct</p>	<p><b>I2</b> advocacy, AT child find, awareness, transitions  <b>I3</b> need for AT, assessment, trialing, evaluation, selection, accessibility, usability  <b>I4</b> AT consideration, AT teams, IEP team  <b>I8</b> abandonment, AT systems, benefits, AT &amp; employment, outcome measurement, quality indicators, return on investment, stigmatization, user satisfaction  <b>I9</b> AT certification/licensure, competencies, ethics, knowledge and skills, personnel preparation  <b>I10</b> AT laws, legal analysis, policy statements, standards  <b>I11</b> cloud-based AT, development, evidence reviews, innovation, Internet of Things (IoT), AT &amp; machine learning, new product development  <b>I12</b> access to the curriculum, accessible educational materials (AEM), accessible instructional materials (AIM)  <b>I13</b> universal accessibility, universal design, universal design in education, universal design for learning, universal usability</p>

<i><b>Section 4: Method/Design</b></i>		
J. Research Design	<i>Select one</i> J1 Literature Review J2 Group experimental J3 Single-subject J4 Correlational J5 Case study (qualitative) J6 Development J7 Policy J8 Expert opinion J9 Practitioner article (no research) J10 Book chapter J11 Dissertation/thesis J12 Report J13 Other J14 Unable to determine	<b>J1</b> evidence review, meta-analysis, narrative review, systemic review           <b>J12</b> White paper, technical report, or conference paper
<i><b>Section 5: Evidence Quality</b></i>		
K. Levels of Evidence	<i>Select one level of evidence</i> K1 Not applicable K2 Unable to determine level of evidence/quality K3 Emerging K4 Moderate K5 Strong	K1 not a research study with evidence of outcome K2 unable to determine  Dave will code K3, K4, K5

Notes: