



	Assessment	Author
	Assessment of Mathematical Equivalence Knowledge	Rittle-Johnson, et al., 2011
	Open Equations	Powell, 2007, 2015
	Preschool Early Numeracy Skills (PENS)	Purpura, 2010; Purpura & Lor
	Quantitative Reasoning Test	Nunes et al., 2015
	Research-Based Early Maths Assessment (REMA)	Clements et al., 2008
	Test of Mathematical Reasoning	Nunes et al., 2001; Nunes et a
	Test of Pre-algebraic Reasoning, Subtest: Equations	Fuchs, Seethaler, & Powell, 20 Fuchs, 2014
	Assessment	Author
		Author Verdine et al., 2014
	3D Test of Spatial Assembly	Verdine et al., 2014 Ehrlich, Levine, & Goldin-Mead
(3D Test of Spatial Assembly Children's Mental Transformation Task	Verdine et al., 2014 Ehrlich, Levine, & Goldin-Meac Levine, Huttenlocher, Taylor, &
C N	BD Test of Spatial Assembly Children's Mental Transformation Task /Iental Folding Test for Children (MFTC)	
	Assessment 3D Test of Spatial Assembly Children's Mental Transformation Task Mental Folding Test for Children (MFTC) Mental Rotation with Tangible Three-Dimensional Objects Perspective Taking Test for Children Picture Rotation Test	Verdine et al., 2014 Ehrlich, Levine, & Goldin-Mead Levine, Huttenlocher, Taylor, & Harris, Newcombe, & Hirsh-Pa
	3D Test of Spatial Assembly Children's Mental Transformation Task Mental Folding Test for Children (MFTC) Mental Rotation with Tangible Three-Dimensional Objects Perspective Taking Test for Children	Verdine et al., 2014 Ehrlich, Levine, & Goldin-Mead Levine, Huttenlocher, Taylor, & Harris, Newcombe, & Hirsh-Pa Hawes, Lefevre, Xu & Bruce, 2 Frick, Möhring, & Newcombe,

the National Science Foundation.

Measuring Early Mathematical Reasoning Skills: Developing Tests of Numeric Relational Reasoning and Spatial Reasoning (#1721100)

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