Comparing the Effectiveness of Virtual and Concrete M Secondary Students With Learning Disabilities

Learning Disability Quarterly 39, 240-253 DOI: 10.1177/0731948716649754

Citation Report

#	Article	lF	CITATIONS
1	The case for adopting virtual manipulatives in mathematics education for students with disabilities. Preventing School Failure, 2017, 61, 303-310.	0.4	36
2	Using the virtual-abstract instructional sequence to teach addition of fractions. Research in Developmental Disabilities, 2017, 70, 163-174.	1.2	28
3	Teaching Equivalent Fractions to Secondary Students With Disabilities via the Virtual–Representational–Abstract Instructional Sequence. Journal of Special Education Technology, 2017, 32, 220-231.	1.4	40
4	Assistive technology interventions for adolescents and adults with learning disabilities: An evidence-based systematic review and meta-analysis. Computers and Education, 2017, 114, 139-163.	5.1	90
5	Adding It Up. Journal of Special Education Technology, 2018, 33, 194-206.	1.4	23
6	Using the Virtual–Representational–Abstract Approach to Support Students With Intellectual Disability in Mathematics. Focus on Autism and Other Developmental Disabilities, 2018, 33, 237-248.	0.8	24
7	Using the concrete representational abstract (CRA) instructional framework for mathematics with students with emotional and behavioral disorders. Preventing School Failure, 2018, 62, 73-82.	0.4	5
8	A Synthesis of Technology-Mediated Mathematics Interventions for Students With or at Risk for Mathematics Learning Disabilities. Journal of Special Education Technology, 2018, 33, 111-123.	1.4	31
9	Manipulative Apps to Support Students With Disabilities in Mathematics. Intervention in School and Clinic, 2018, 53, 177-182.	0.8	36
10	The Concrete–Representational–Abstract Approach for Students With Learning Disabilities: An Evidence-Based Practice Synthesis. Remedial and Special Education, 2018, 39, 211-228.	1.7	71
11	Teaching Multistep Equations with Virtual Manipulatives to Secondary Students with Learning Disabilities Research and Practice, 2018, 33, 99-111.	0.9	15
12	Studying Virtual Manipulatives Paired With Explicit Instruction to Teach Algebraic Equations to Students With Learning Disabilities. Learning Disability Quarterly, 2018, 41, 227-242.	0.9	24
13	A Systematic Review of the Literature on Mathematics Manipulatives to Support Students with Disabilities. Education and Treatment of Children, 2018, 41, 65-106.	0.6	43
14	The Virtual-Representational-Abstract Framework to Support Students With Disabilities in Mathematics. Intervention in School and Clinic, 2019, 54, 173-180.	0.8	14
15	Using virtual manipulative to improve motoric skill in autism. IOP Conference Series: Earth and Environmental Science, 2019, 243, 012132.	0.2	0
16	Base-10 Blocks: a study of iPad virtual manipulative affordances across primary-grade levels. Mathematics Education Research Journal, 2019, 31, 349-365.	0.9	5
17	Using the Virtual-Abstract Instructional Sequence to Support Acquisition of Algebra. Journal of Special Education Technology, 2019, 34, 253-268.	1.4	22
18	Effects of Interventions with Manipulatives on Immediate Learning, Maintenance, and Transfer in Children with Mathematics Learning Disabilities: A Systematic Review. Education Research International, 2019, 2019, 1-21.	0.6	18

ARTICLE IF CITATIONS # Helping teachers make informed decisions when selecting assistive technology for secondary 19 0.4 12 students with disabilities. Preventing School Failure, 2019, 63, 97-104. Using Video Modeling to Teach Geometry Word Problems: A Strategy for Students With Learning 1.7 9 Disabilities. Remedial and Special Education, 2020, 41, 309-320. Learning Fraction Concepts Through the Virtual-Abstract Instructional Sequence. Journal of 21 0.9 11 Behavioral Education, 2020, 29, 519-542. App-Based Manipulatives and Explicit Instruction to Support Division with Remainders. Exceptionality, 2020, 28, 45-59. A Comparison of Manipulative Use on Mathematics Efficiency in Elementary Students With Autism 23 1.4 7 Spectrum Disorder. Journal of Special Education Technology, 2020, 35, 179-190. Virtual Manipulatives: A Tool to Support Access and Achievement With Middle School Students With Disabilities. Journal of Special Education Technology, 2020, 35, 51-59. 1.4 A survey of research trends in assistive technologies using information modelling techniques. 25 1.3 14 Disability and Rehabilitation: Assistive Technology, 2022, 17, 605-623. Virtual Manipulative-Based Intervention Package to Teach Multiplication and Division to Secondary Students With Developmental Disabilities. Focus on Autism and Other Developmental Disabilities, 0.8 26 2020, 35, 195-207. Maths Assistive Technology to Support Inclusion. International Perspectives on Inclusive Education, 27 0.2 1 2020, , 51-67. Manipulating Algebra: Comparing Concrete and Virtual Algebra Tiles for Students with Intellectual 1.1 and Developmental Disabilities. Exceptionality, 2021, 29, 197-214. A Systematic Review of Interventions for Algebraic Concepts and Skills of Secondary Students with 29 0.9 5 Learning Disabilities. Learning Disabilities Research and Practice, 2020, 35, 89-99. Manipulative-Based Instructional Sequences in Mathematics for Students With Disabilities. Teaching 0.8 Exceptional Children, 0, , 004005992199459. A Decade Review of Singleâ€Case Graph Construction in the Field of Learning Disabilities. Learning $\mathbf{31}$ 0.9 6 Disabilities Research and Practice, 2021, 36, 121-135. Effects of Interventions Using Virtual Manipulatives for Students With Learning Disabilities: A 1.5 Synthesis of Single-Case Research. Journal of Learning Disabilities, 2021, , 002221942110063. Effects of Using Virtual Manipulatives for Students With Disabilities: Three-Level Multilevel Modeling 33 10 1.4 for Single-Case Data. Exceptional Children, 2021, 87, 418-437. Effects of a Mathematics App on Urban High School Students' Algebra Performance. Contemporary School Psychology, 0, , 1. Practical Use of Single-Case Research Designs When Testing Mathematics Interventions for Students 35 0.9 1 With Learning Disabilities. Learning Disability Quarterly, 0, , 073194872110103. Comparing Concrete and Virtual Manipulatives to Teach Algebra to Middle School Students with 1.1 Disabilities. Exceptionality, 2023, 31, 1-17.

CITATION REPORT

#	Article	IF	CITATIONS
37	Using the VA Framework to Teach Algebra to Middle School Students With High-Incidence Disabilities. Journal of Special Education Technology, 2022, 37, 384-398.	1.4	2
38	Virtual Versus Concrete: A Comparison of Mathematics Manipulatives for Three Elementary Students With Autism. Focus on Autism and Other Developmental Disabilities, 2021, 36, 71-82.	0.8	6
39	A Systematic Review on the Use of Technology in Learning Disabilities. Ankara Universitesi Egitim Bilimleri Fakultesi Ozel Egitim Dergisi, 2020, 21, 611-638.	0.2	6
40	An Investigation of Pre-Service Teachers' Previous Mathematics Learning Experience from Elementary School to College and How It Relates to Attitudes and Beliefs about Mathematics Learning and Teaching. International Journal of Learning, Teaching and Educational Research, 2018, 17, 1-16.	0.3	1
41	International use of N = 1 research design with secondary students with disabilities. Psychology in the Schools, 0, , .	1.1	1
42	Teaching Mathematics Among Students with Learning Disability: Non-technological and Technological Approaches. Communications in Computer and Information Science, 2019, , 268-277.	0.4	0
43	Sanal Ger§eklik Tabanlı Öğretim Materyalinin Öğrenme GüÁ§lüğü Olan Öğrencilerde Geometri Problem ‡¶zme œzerine Etkililiği. Necatibey Eğitim Fakültesi Elektronik Fen Ve Matematik Eğitimi Derg 460-482.	ye DayalÄ isi 00 3 ,	± 2
44	Confrontation and Reconstruction of Beliefs and Attitudes towards Mathematics. International Journal of Learning, Teaching and Educational Research, 2019, 18, 311-328.	0.3	0
45	Virtual manipulatives as assistive technology to support students with disabilities with mathematics. Preventing School Failure, 2020, 64, 281-289.	0.4	11
46	Strategies for Fractions on RtI Instructional Framework: The Effect on Learning Disabled Middle Grades Students' Performance. Psychology, 2020, 11, 692-703.	0.3	0
47	Öğretmenlerin Öğrenme Güçlüğü Yaşayan Öğrencilere Yönelik Yeterlikleri, Öz Yeterlik Kayna Öğretmenlik Becerileri Arasındaki İlişki. Celal Bayar Üniversitesi Sosyal Bilimler Dergisi, 0, , 205-218.	kları ve	Pozitif
48	Virtual Manipulatives as Assistive Technology. Advances in Educational Technologies and Instructional Design Book Series, 2022, , 119-148.	0.2	0
49	Secondary Teachers' Remote Instructional Practices in Mathematics for Students With Disabilities. Journal of Special Education Technology, 2023, 38, 50-60.	1.4	4
50	Mathematics Learning from Concrete to Abstract (1968-2021): A Bibliometric Analysis. Participatory Educational Research, 2022, 9, 445-468.	0.4	2
51	Examining Virtual Manipulatives for Teaching Computations With Fractions to Children With Mathematics Difficulty. Journal of Learning Disabilities, 2023, 56, 295-309.	1.5	1
52	Does Conceptual Transparency in Manipulatives Afford Place-Value Understanding in Children at Risk for Mathematics Learning Disabilities?. Learning Disability Quarterly, 0, , 073194872211240.	0.9	1
53	Using Technology to Enhance Learning for Students With Learning Disabilities. Advances in Special Education, 2023, 37, 15-28.	0.1	2
54	The influence of explanation designs on user understanding differential privacy and making data-sharing decision. Information Sciences, 2023, 642, 118799.	4.0	1

ARTICLE

IF CITATIONS