

Effects of physical activity interventions on cognitive and academic performance in children and adolescents: a novel combination of a systematic review and expert panel recommendations from an expert panel

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Untapped Resources: 10- to 13-Year-Old Primary Schoolchildren's Views on Additional Physical Activity in the School Setting: A Focus Group Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2713.	2.6	10
2	Aerobic-Exercise and resistance-training interventions have been among the least effective ways to improve executive functions of any method tried thus far. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100572.	4.0	74
3	Integrating Juggling with Math Lessons: A Randomized Controlled Trial Assessing Effects of Physically Active Learning on Maths Performance and Enjoyment in Primary School Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2452.	2.6	13
4	Study protocol and rationale of the "Cogni-action project" a cross-sectional and randomized controlled trial about physical activity, brain health, cognition, and educational achievement in schoolchildren. <i>BMC Pediatrics</i> , 2019, 19, 260.	1.7	20
5	Mixed Methods in Decision-Making Through Polar Coordinate Technique: Differences by Gender on Beach Handball Specialist. <i>Frontiers in Psychology</i> , 2019, 10, 1627.	2.1	13
6	Effects of acute physical activity on NIH toolbox-measured cognitive functions among children in authentic education settings. <i>Mental Health and Physical Activity</i> , 2019, 17, 100293.	1.8	6
7	The Mediating Effect of Physical Activity on the Association between Cardiorespiratory Endurance and Mathematics Performance. <i>International Journal of Kinesiology in Higher Education</i> , 2019, 3, 117-127.	0.3	1
8	Active Commuting to and from School, Cognitive Performance, and Academic Achievement in Children and Adolescents: A Systematic Review and Meta-Analysis of Observational Studies. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1839.	2.6	24
9	Effects of Exercise on Cognitive Performance in Children and Adolescents with ADHD: Potential Mechanisms and Evidence-based Recommendations. <i>Journal of Clinical Medicine</i> , 2019, 8, 841.	2.4	60
10	Physical Education Pedagogies Built upon Theories of Movement Learning: How Can Environmental Constraints Be Manipulated to Improve Children's Executive Function and Self-Regulation Skills?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1630.	2.6	20
11	Associations of Class-Time Sitting, Stepping and Sit-to-Stand Transitions with Cognitive Functions and Brain Activity in Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1482.	2.6	20
12	Boost your brain, while having a break! The effects of long-term cognitively engaging physical activity breaks on children's executive functions and academic achievement. <i>PLoS ONE</i> , 2019, 14, e0212482.	2.5	74
13	12 Weeks of Kindergarten-Based Yoga Practice Increases Visual Attention, Visual-Motor Precision and Decreases Behavior of Inattention and Hyperactivity in 5-Year-Old Children. <i>Frontiers in Psychology</i> , 2019, 10, 796.	2.1	27
14	Effects of Exergaming on Preschoolers' Executive Functions and Perceived Competence: A Pilot Randomized Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 469.	2.4	28
15	Improving Cognitive Performance of 9-12 Years Old Children: Just Dance? A Randomized Controlled Trial. <i>Frontiers in Psychology</i> , 2019, 10, 174.	2.1	30
16	Effects of chronic exercise interventions on executive function among children and adolescents: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2019, 53, 1397-1404.	6.7	147
17	The influence of physical activity on the functioning of the nervous system and cognitive processes " research review. <i>Neuropsychiatry Neuropsychologia</i> , 2019, 14, 84-91.	0.4	4
18	Effects of school-based physical activity on mathematics performance in children: a systematic review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 109.	4.6	35

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19	Parent Engagement and Support, Physical Activity, and Academic Performance (PESPAAP): A Proposed Theoretical Model. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4698.	2.6	6
20	The Effect of Strengthened Physical Education on Academic Achievements in High School Students: A Quasi-Experiment in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4688.	2.6	3
21	“It’s not because we don’t believe in it...”: Headteachers’ perceptions of implementing physically active lessons in school. <i>BMC Public Health</i> , 2019, 19, 1674.	2.9	10
22	Association between musculoskeletal pain at multiple sites and objectively measured physical activity and work capacity: Results from UK Biobank study. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 444-449.	1.3	27
23	Implementing physically active learning: Future directions for research, policy, and practice. <i>Journal of Sport and Health Science</i> , 2020, 9, 41-49.	6.5	43
24	Muscular fitness, motor competence, and processing speed in preschool children. <i>European Journal of Developmental Psychology</i> , 2020, 17, 415-431.	1.8	6
25	Physically active lessons in schools and their impact on physical activity, educational, health and cognition outcomes: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2020, 54, 826-838.	6.7	129
26	A systematic review of cognitive assessment in physical activity research involving children and adolescents. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 740-745.	1.3	13
27	Physical Activity and Academic Performance: Genetic and Environmental Associations. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 381-390.	0.4	7
28	Establishing a Scientific Consensus on the Cognitive Benefits of Physical Activity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 29.	2.6	12
29	Enactive movement integration: Results from an action research project. <i>Teaching and Teacher Education</i> , 2020, 95, 103139.	3.2	12
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31	Effects of school-based physical activity interventions on mental health in adolescents: The School in Motion cluster randomized controlled trial. <i>Mental Health and Physical Activity</i> , 2020, 19, 100348.	1.8	4
32	Feasibility of test administration and preliminary findings for cognitive control in the Burn 2 learn pilot randomised controlled trial. <i>Journal of Sports Sciences</i> , 2020, 38, 1708-1716.	2.0	8
33	The Importance of Perceived Body-Inclusiveness among Physically Active Women in Larger Bodies. <i>Sex Roles</i> , 2020, 83, 754-762.	2.4	6
34	A systematic review of integrative practices in physical education (2009–2018). <i>International Journal of Educational Research</i> , 2020, 104, 101689.	2.2	3
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36	The effect of a school-based intervention on physical activity, cardiorespiratory fitness and muscle strength: the School in Motion cluster randomized trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 154.	4.6	20

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38	Current State and Future Trends: A Citation Network Analysis of the Academic Performance Field. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5352.	2.6	9
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40	Combining physical and cognitive training to improve kindergarten children's executive functions: A cluster randomized controlled trial. <i>Contemporary Educational Psychology</i> , 2020, 63, 101908.	2.9	30
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46	Review of High-Intensity Interval Training for Cognitive and Mental Health in Youth. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2224-2234.	0.4	68
47	Effects of a Nine-Month Physical Activity Intervention on Morphological Characteristics and Motor and Cognitive Skills of Preschool Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6609.	2.6	6
48	Acute Effect of Cognitive Compromise during Physical Exercise on Self-Regulation in Early Childhood Education. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9325.	2.6	8
49	Pupils' experiences and perceptions of engagement during the Moving Maths programme. <i>Education 3-13</i> , 2022, 50, 419-434.	1.0	4
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56	A citizen science study of short physical activity breaks at school: improvements in cognition and wellbeing with self-paced activity. <i>BMC Medicine</i> , 2020, 18, 62.	5.5	23
57	Systematic Review of Meta-Analyses: Exercise Effects on Depression in Children and Adolescents. <i>Frontiers in Psychiatry</i> , 2020, 11, 81.	2.6	75
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65	The Relationship between Physical Activity Levels, Cardiorespiratory Fitness and Academic Achievement School-Age Children from Southern Spain. <i>Sustainability</i> , 2020, 12, 3459.	3.2	2
66	Lifestyle clusters and academic achievement in Australian Indigenous children: Empirical findings and discussion of ecological levers for closing the gap. <i>SSM - Population Health</i> , 2020, 10, 100535.	2.7	9
67	Effects of physical activity interventions on cognitive performance of overweight or obese children and adolescents: a systematic review and meta-analysis. <i>Pediatric Research</i> , 2021, 89, 46-53.	2.3	24
68	“Walkabouts”-Integrated Physical Activities from Preschool to Second Grade: Feasibility and Effect on Classroom Engagement. <i>Child and Youth Care Forum</i> , 2021, 50, 39-55.	1.6	5
69	Cardiovascular fitness and executive functioning in primary school-aged children. <i>Developmental Science</i> , 2021, 24, e13019.	2.4	24
70	The prevalence of depressive symptoms and its determinants among adults in mainland China: Results from a national household survey. <i>Journal of Affective Disorders</i> , 2021, 281, 220-227.	4.1	27
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78	More than "just a test" Task-switching paradigms offer an early warning system for cognitive decline. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2021, 74, 141-193.	1.1	3
79	Academic Achievement in Spanish Secondary School Students: The Inter-Related Role of Executive Functions, Physical Activity and Gender. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1816.	2.6	10
80	The Effects of Aerobic Versus Cognitively Demanding Exercise Interventions on Executive Functioning in School-Aged Children: A Cluster-Randomized Controlled Trial. <i>Journal of Sport and Exercise Psychology</i> , 2021, 43, 1-13.	1.2	21
81	The effect of a one-year vigorous physical activity intervention on fitness, cognitive performance and mental health in young adolescents: the Fit to Study cluster randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 47.	4.6	23
82	Differences in Habitual Physical Activity Behavior between Students from Different Vocational Education Tracks and the Association with Cognitive Performance. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3031.	2.6	3
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87	Directly Observed Physical Activity of Year 1 Children during School Class Time: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3676.	2.6	0
89	The school policy, social, and physical environment and change in adolescent physical activity: An exploratory analysis using the LASSO. <i>PLoS ONE</i> , 2021, 16, e0249328.	2.5	8
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102	Effects of Physical Exercise Interventions on Spatial Orientation in Children and Adolescents: A Systematic Scoping Review. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 664640.	1.8	7
103	Effects of physical education interventions on cognition and academic performance outcomes in children and adolescents: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2021, 55, 1224-1232.	6.7	48
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109	Objectively measured physical activity and academic performance in school-aged youth: The UP&DOWN longitudinal study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 2230-2240.	2.9	7
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112	How physical activity, fitness, and motor skills contribute to math performance: Working memory as a mediating factor. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 2310-2321.	2.9	12
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142	Encouraging Your Child to Be Physically Active. , 2021, , 225-249.		0
143	Intrinsic Connectivity Changes Mediate the Beneficial Effect of Cardiovascular Exercise on Sustained Visual Attention. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa075.	1.6	2
144	Just Dance? Teachers Perspectives on Implementing a Daily Classroom Physical Activity Break. <i>Translational Journal of the American College of Sports Medicine</i> , 2020, 5, 1-9.	0.6	5
145	Destekleme ve Yetiştirme Kursuna Katılan A-Öğrencilerin Beden Eğitimi ve Spor Tutumları, Sportmenlik Davranışları ve Uygulama Hakkındaki Görüşlerinin İncelenmesi. <i>Kastamonu Eğitim Dergisi</i> , 0, , .	0.3	1
146	The effects of light physical activity on learning in adolescents: a systematic review. <i>International Review of Sport and Exercise Psychology</i> , 0, , 1-28.	5.7	5
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148	Sports, Executive Functions and Academic Performance: A Comparison between Martial Arts, Team Sports, and Sedentary Children. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11745.	2.6	16
149	Aerobic fitness mediates the intervention effects of a school-based physical activity intervention on academic performance. The school in Motion study – A cluster randomized controlled trial. <i>Preventive Medicine Reports</i> , 2021, 24, 101648.	1.8	5

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