*Cognitive Function Search*: ((recess[ti] AND school) OR yoga[ti] OR yogic[ti] OR ("Play and Playthings"[MAJR:NoExp] AND physical) OR (physical AND play[ti]) OR "aerobic"[ti] OR "Motor Activity"[MAJR:noexp] OR "Physical activity"[ti] OR "physical activities"[ti] OR "Running"[MAJR] OR running[ti] OR "fitness"[ti] OR "energy expenditure"[ti] OR "Swimming"[MAJR] OR swimming[ti] OR "Walking"[MAJR] OR walking[ti] OR bicycling[MAJR] OR bicycling[ti] OR bike[ti] OR bikes[ti] OR cycling[ti] OR treadmill\*[ti] OR ergometer\*[ti] OR "physical education"[ti] OR "active transportation"[ti] OR "Sports"[MAJR] OR sport[ti] OR sports[ti] OR "extra-curricular activities"[ti] OR gym[ti] OR "Exercise"[MAJR] OR exercise[ti] OR movement[ti] OR "screen time"[ti] OR "sedentary time"[ti] OR "physical inactivity"[ti] OR inactivity[ti] OR "cardiovascular health"[ti] OR "cardiorespiratory health"[ti]) AND ("intelligence"[MAJR:noexp] OR "intelligence"[ti] OR "IQ"[ti] OR "Cognition"[MAJR:noexp] OR cognition[ti] OR "Comprehension"[MAJR] OR cognitive[ti] OR neurocognition OR neurocognitive OR "neuro-cognition" OR "neuro-cognitive" OR "Executive Function"[MAJR] OR "executive function" OR "executive functions" OR "executive functioning" OR brain[ti] OR "brain function" OR "brain structure" OR "fMRI" OR "functional magnetic resonance imaging" OR "event-related potential" OR "event related potential " OR "Problem Solving"[MAJR] OR "problem solving" OR "Memory"[MAJR] OR memory[ti] OR "Attention"[MAJR] OR attention[ti] OR attentiveness[ti] OR concentration[ti] OR concentrate[ti] OR learn[ti] OR learning[ti] OR "brain development" OR "cognitive performance" OR "cognitive function" OR "cognitive functioning" OR "information retrieval" OR "information processing" OR "perceptual skills" OR "intelligence quotient ") NOT ("cystic fibrosis" OR "multiple sclerosis" OR "cerebral palsy" OR concussion[MeSH Terms] OR concussion OR concussions OR concussive OR depression[MeSH Terms] OR "older adults"[ti] OR epilepsy OR surgery[Mesh] OR surgery[ti] OR surgical[ti] OR "old adults"[ti ] OR "older people"[ti] OR aging[tiab] OR menopause OR menopausal OR pregnancy[ti] OR pregnant[ti] OR frail OR Parkinson's[tiab] OR Alzheimer's[tiab] OR dementia[tiab] OR asthma[MeSH Terms] OR anxiety[MeSH Terms] OR injury[ti] OR injuries[ti] OR "head injury" OR "head injuries" OR "brain tumor" OR "brain tumors" OR neoplasm\* OR cancer[tiab] OR Letter[ptyp] OR News[ptyp] OR Comment[ptyp] OR Editorial[ptyp] OR review[ptyp] OR "intellectual disability" OR "mental disorders" OR "mental retardation" OR "Brain/pathology"[MeSH Terms] OR "brain injuries"[mesh] OR "avoidance learning" OR "Sports/psychology"[Mesh] OR "Athletes/psychology"[Mesh] OR "attention deficit disorder" OR ADHD OR disorder\*[ti] OR syndrome[ti] OR syndromes[ti] OR disease\*[ti] OR autism OR autistic OR "reproductive fitness" OR "drug effects"[sh] OR marijuana OR "substance use" OR "substance abuse" OR "drug use" OR "alcohol use" OR "alcohol abuse" OR "eye movement"[ti] OR "eye movements"[ti] OR fibromyalgia OR pain[ti] OR "athletic injuries"[mesh] OR schizophreni\* OR migraine\* OR headache\* OR "muscular dystrophy" OR trauma\*[ti] OR "nutrition examination" OR "adapted physical activity" OR mice[ti] OR mouse[ti] OR rat[ti] OR rats[ti] OR scoliosis OR "sickle cell" OR leptin[ti] OR electrolyte\*[ti] OR serum[ti] OR acid[ti] OR glutamine\*[ti] OR triacylglycerol\*[ti] OR plasma[ti] OR ghrelin[ti] OR lipid[ti] OR lipids[ti] OR lactate[ti] OR peptide\*[ti] OR ammonia[ti] OR protein\*[ti] OR lipoprotein\*[ti])

*Academic Achievement Search*: ((recess[ti] AND school) OR yoga[ti] OR yogic[ti] OR ("Play and Playthings"[MAJR:NoExp] AND physical) OR (physical AND play[ti]) OR "aerobic"[ti] OR "Motor Activity"[MAJR:noexp] OR "Physical activity"[ti] OR "physical activities"[ti] OR "Running"[MAJR] OR running[ti] OR "fitness"[ti] OR "energy expenditure"[ti] OR "Swimming"[MAJR] OR swimming[ti] OR "Walking"[MAJR] OR walking[ti] OR bicycling[MAJR] OR bicycling[ti] OR bike[ti] OR bikes[ti] OR cycling[ti] OR treadmill\*[ti] OR ergometer\*[ti] OR "physical education"[ti] OR "active transportation"[ti] OR "Sports"[MAJR] OR sport[ti] OR sports[ti] OR "extra-curricular activities"[ti] OR gym[ti] OR "Exercise"[MAJR] OR exercise[ti] OR movement[ti] OR "screen time"[ti] OR "sedentary time"[ti] OR "physical inactivity"[ti] OR inactivity[ti] OR "cardiovascular health"[ti] OR "cardiorespiratory health"[ti]) AND ((state AND assessment) OR "Educational Measurement"[Mesh] OR "educational outcome" OR "academic achievement" OR "academic performance" OR "academic attainment" OR academic\*[ti] OR "achievement gap" OR "achievement gaps" OR "student performance" OR "time on task" OR "standardized test" OR "standardized tests" OR "standardized testing" OR "reading achievement" OR "reading performance" OR "reading assessment" OR "reading assessments" OR "math achievement" OR "math performance" OR "math assessment" OR "math assessments" OR "mathematics achievement" OR "mathematics performance" OR "mathematics assessment" OR "mathematics assessments" OR "science performance" OR "science achievement" OR "science assessment" OR "science assessments" OR "writing performance" OR "writing achievement" OR "writing assessment" OR "test score" OR "test scores" OR "testing score" OR "testing scores" OR exam[ti] OR exams[ti] OR examination\*[ti] OR "exam score" OR "exam scores" OR "classroom learning" OR "classroom performance") NOT ("cystic fibrosis" OR "multiple sclerosis" OR "cerebral palsy" OR concussion[MeSH Terms] OR concussion OR concussions OR concussive OR depression[MeSH Terms] OR "older adults"[ti] OR epilepsy OR surgery[Mesh] OR surgery[ti] OR surgical[ti] OR "old adults"[ti ] OR "older people"[ti] OR aging[tiab] OR menopause OR menopausal OR pregnancy[ti] OR pregnant[ti] OR frail OR Parkinson's[tiab] OR Alzheimer's[tiab] OR dementia[tiab] OR asthma[MeSH Terms] OR anxiety[MeSH Terms] OR injury[ti] OR injuries[ti] OR "head injury" OR "head injuries" OR "brain tumor" OR "brain tumors" OR neoplasm\* OR cancer[tiab] OR Letter[ptyp] OR News[ptyp] OR Comment[ptyp] OR Editorial[ptyp] OR review[ptyp] OR "intellectual disability" OR "mental disorders" OR "mental retardation" OR "Brain/pathology"[MeSH Terms] OR "brain injuries"[mesh] OR "avoidance learning" OR "Sports/psychology"[Mesh] OR "Athletes/psychology"[Mesh] OR "attention deficit disorder" OR ADHD OR disorder\*[ti] OR syndrome[ti] OR syndromes[ti] OR disease\*[ti] OR autism OR autistic OR "reproductive fitness" OR "drug effects"[sh] OR marijuana OR "substance use" OR "substance abuse" OR "drug use" OR "alcohol use" OR "alcohol abuse" OR "eye movement"[ti] OR "eye movements"[ti] OR fibromyalgia OR pain[ti] OR "athletic injuries"[mesh] OR schizophreni\* OR migraine\* OR headache\* OR "muscular dystrophy" OR trauma\*[ti] OR "nutrition examination" OR "adapted physical activity" OR mice[ti] OR mouse[ti] OR rat[ti] OR rats[ti] OR scoliosis OR "sickle cell" OR leptin[ti] OR electrolyte\*[ti] OR serum[ti] OR acid[ti] OR glutamine\*[ti] OR triacylglycerol\*[ti] OR plasma[ti] OR ghrelin[ti] OR lipid[ti] OR lipids[ti] OR lactate[ti] OR peptide\*[ti] OR ammonia[ti] OR protein\*[ti] OR lipoprotein\*[ti])