

# Outdoor and Environmental Education: A Bibliography of Resources

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Emma Stewart Resources Centre

Saskatchewan Teachers' Federation  
2317 Arlington Avenue, Saskatoon, SK S7J 2H8  
Telephone: 306-373-1660 Email: [esrc@stf.sk.ca](mailto:esrc@stf.sk.ca)





\*Annotations have been excerpted and/or adapted from descriptions provided by the publishers.

128 L894

Louv, Richard

**The nature principle : human restoration and the end of nature-deficit disorder**

Chapel Hill, NC : Algonquin Books of Chapel Hill, 2012.

*Subjects:* Human beings—Effect of environment on. Nature—Psychological aspects.

*Summary:* In this book, the author argues that a strong connection to nature is essential for human health. Supported by research, anecdotal evidence, and personal stories, the author shows how tapping into the restorative powers of the natural world can boost mental acuity and creativity; promote health and wellness; build smarter and more sustainable businesses, communities, and economies; and ultimately strengthen human bonds.

155.91 H294

Harper, Nevin; Rose, Kathryn

**Nature-based therapy : a practitioner's guide to working outdoors with children, youth, and families**

Gabriola Island, BC : New Society Publishers, 2019.

*Subjects:* Counseling. Nature—Psychological aspects. Nature—Therapeutic use.

*Summary:* The number of children, youth, and families seeking help for a wide range of mental health concerns is growing at an alarming rate, and many struggle to thrive despite well-intentioned interventions from skilled helpers. Unplugging from technology and reconnecting with the web of life is a powerful antidote to the highly technological and fast-paced realities of so many. This book addresses this underlying disconnection between humans and their ecological home, exploring theories and therapeutic practices undertaken with children, youth, and families.

155.91 L827

Loewe, Emma

**Return to nature : the new science of how natural landscapes restore us**

New York, NY: HarperOne, 2022

*Subjects:* Human ecology. Landscapes—Psychological aspects. Nature—Psychological aspects.

*Summary:* For centuries, humankind was connected to nature. Yet we've evolved to feel safer inside on our devices, despite the fact that most of us are our most calm, creative, and captivated outdoors. In response, writer and environmentalist Emma Loewe blends new research and ancient spiritual knowledge on the healing properties of landscape to prove why we need to return to nature for the sake of our health—and the planet's.

306.43 L253

McCoy, Kate

**Land education : rethinking pedagogies of place from Indigenous, postcolonial, and decolonizing perspectives**

Abingdon, Oxon, England. Routledge, 2016.

*Subjects:* Colonization. Indigenous Peoples. Place-based education.

*Summary:* This important book on Land Education offers critical analysis of the paths forward for education on Indigenous land. This analysis discusses the necessity of centering historical and current contexts of colonization in education on and in relation to land. In addition, contributors explore the intersections of environmentalism and Indigenous rights, in part inspired by the realization that the specifics of geography and community matter for how environmental education can be engaged.

333.707 S677

Sobel, David

**Place-based education : connecting classrooms and communities. Second edition**

Great Barrington, MA : Orion Society, 2004.

*Subjects:* Environmental education. Environmental sciences—Study and teaching. Nature study. Outdoor education.

*Summary:* Place-based education is the process of using the local community and environment as a starting point to teach concepts in language arts, mathematics, social studies, science, and other subjects across the curriculum. Emphasizing hands-on, real-world learning experiences, this approach to education increases academic achievement, helps students develop stronger ties to their community, enhances students' appreciation for the natural world, and creates a heightened commitment to serving as active, contributing citizens.

333.782023 G291

Gazlay, Suzy

**Managing green spaces : careers in wilderness and wildlife management**

St. Catharines, ON : Crabtree Pub. Co., 2010.

*Subjects:* Natural areas—Management—Vocational guidance—Juvenile literature. Outdoor recreation—Vocational guidance—Juvenile literature. Wilderness areas—Management—Vocational guidance—Juvenile literature. Wildlife management—Vocational guidance—Juvenile literature.

*Summary:* This book covers the ways that monitoring, conserving, and managing natural resources can help sustain the Earth's ecosystems. Included are careers such as prom monitoring and controlling invasive species, park designer, field researcher, and ranger.

*Notes:* Career education grade 6 (2009). Career education grade 7 (2009). Career education grade 8 (2009).

370.11 C913

Cree, John; Robb, Marina

**The essential guide to forest school and nature pedagogy**

Abingdon, Oxon, UK : Routledge, 2021.

*Subjects:* Environmental education. Holistic education. Nature study. Outdoor education.

*Summary:* This book is a complete guide to Forest School provision and Nature Pedagogy and it examines the models, methods, worldviews and values that underpin teaching in nature. Cree and Robb show how a robust Nature Pedagogy can support learning, behaviour, and physical and emotional wellbeing, and, importantly, a deeper relationship with the natural world. They offer an overview of what a Forest School programme could look like through the year. This book provides 'real-life' examples from a variety of contexts, sample session plans and detailed

guidance on using language, crafting and working with the natural world. Guiding practitioners through planning for a programme, including taking care of a woodland site and preparing all the essential policies and procedures for working with groups and nature, this book is written by dedicated Forest School and nature education experts and is essential reading for settings, schools, youth groups, families and anyone working with children and young people.

370.115 A549

Anderson, Sarah K.

**Bringing school to life : place-based education across the curriculum**

Lanham, MD : Rowman & Littlefield, 2017.

*Subjects:* Interdisciplinary approach in education. Place-based education.

*Summary:* In this book, the author offers insights into how to build a program across the K-8 grades. The author addresses key elements such as mapping, local history, citizen science, integrated curricula, and more. Additionally, strategies for building community partnerships and implementation for primary grades are discussed. This book goes beyond theory to give concrete examples and advice in how to make place-based education a real educational option in any school.

370.115 I61

Shannon, Deric (Ed.)

**Interdisciplinary approaches to pedagogy and place-based education : from abstract to the quotidian**

Cham, Switzerland : Palgrave Macmillan, 2017.

*Subjects:* Education—Philosophy. Education, Higher. Place-based education.

*Summary:* This book brings together scholars from a wide range of disciplines to creatively engage with place in the context of pedagogy. Beginning with an exploration of traditional place-based forms of education, such as outdoor education, travel courses, and courses on sustainability, the authors go on to expand our popular notions of place, including the classroom, the campus, our interior selves, and our digital ecosystems. This reconsideration of place-based education represents not only an engagement of prior literature on pedagogy and place, but also a re-imagining of the role that place might play in education. Authors stretch the notion of place, arguing for a holistic approach to disciplines in the humanities, social sciences, and natural sciences, bringing into focus an array of contentious issues in philosophies and methods of teaching for multiple academic disciplines and their many intersections.

371.04 B614

Bintliff, Amy Vatne

**Re-engaging disconnected youth : transformative learning through restorative and social justice education**

New York, NY: P. Lang, 2011.

*Subjects:* Alternative education—Minnesota. Experiential learning—Minnesota. Motivation in education—Minnesota. Outdoor education—Minnesota. Summer schools—Minnesota. United States—Territorial expansion—Study and teaching (Secondary).

*Summary:* As many young adults continue to disengage with learning each day, teachers and administrators struggle to find programming that re-engages secondary students with their schooling and communities. In a Midwestern alternative school, three teachers built a curriculum

around hands-on learning, restorative justice Talking Circles, and multicultural education, in the hopes that it would re-engage and inspire youth. This book is an in-depth, qualitative study of the ways the program transformed adult and youth perceptions of trust, connections, schooling, and human rights.

371.3 N425

Nelson, Eric M.

**Cultivating outdoor classrooms : designing and implementing child-centered learning environments**

St. Paul, MN : Redleaf Press, 2012.

*Subjects:* Experiential learning. Outdoor education—Study and teaching. Outdoor education.

*Summary:* This book is filled with guidance to help you plan, design, and create an outdoor learning program that is a rich, natural extension of your indoor curriculum. It also includes information to help you: understand how outdoor classrooms benefit children's learning and development; collaborate with other teachers, administrators, and families to make your outdoor classroom a reality; create development and action plans to strategize and implement changes; and evaluate your outdoor environment, program, and practices.

371.384 B219

Banning, Wendy

**Lens on outdoor learning**

St. Paul, MN: Redleaf Press, 2011.

*Subjects:* Adventure education. Outdoor education. Outdoor recreation for children. Play environments.

*Summary:* This book is filled with stories and colorful photographs that illustrate how the outdoors supports children's early learning. Each story is connected to an early learning standard such as curiosity and initiative; engagement and persistence; imagination, invention, and creativity; reasoning and problem-solving; risk-taking, responsibility, and confidence; reflection, application, and interpretation; and flexibility and resilience. Much of the teaching in these experiences is indirect and involves provisioning, observing, and conversing with children as they spend quality time in nature. Children's dialogue and actions are included in each story to show just how engaged they became during these experiences.

371.384 B355

Baxendale, Emily; Turnbull, Demetra

**Canadian outdoor education : ready-to-go activities and ideas**

London, ON: Chalkboard Publishing Inc., 2019.

*Subjects:* Outdoor education—Canada. Outdoor education.

*Summary:* Engage students with outdoor educational activities. Help students to connect with nature with these easy to implement and ready-to-go teaching materials.

371.384 J28

James, Michael

**Forest school and autism : a practical guide**

London, UK : Jessica Kingsley Publishers, 2018.

*Subjects:* Autistic children—Education. Autistic people—Education. Outdoor education.  
*Summary:* This guide raises autism awareness amongst practitioners by providing practical and easy-to-follow advice for adapting Forest School activities for those with autism. For those coming from a mainstream Forest School background, the author offers an introduction to autism and shows what Forest School can offer people with autism – both children and adults – with first-person accounts that highlight its success with this group. The guide gives advice on the social and sensory benefits, offers practical advice on safety and on how to set up a Forest School, and finally presents specific activities to be incorporated into practitioners' routines.

371.384 J93

Judson, Gillian

**A walking curriculum : walking, wonder, and sense of place (K-12)**

Middletown, DE: Publisher not identified, 2018.

*Subjects:* Nature study. Outdoor education. Science—Study and teaching.

*Summary:* The author is a member of the Faculty of Education at Simon Fraser University in British Columbia and a leader in the Imaginative Ecological Education movement. This book offers 60 walking-based activities for K-12 students.

371.384 K71

Knight, Sara

**Forest school in practice**

Thousand Oaks, CA : SAGE Publications, 2016.

*Subjects:* Outdoor education—Great Britain.

*Summary:* Cover title: *Forest School in practice for all ages.*

371.384 L645

**Let's take it outside! : teacher-created activities for outdoor learning**

Lewisville, NC : Gryphon House, Inc., 2012.

*Subjects:* Outdoor education—Activity programs. Outdoor education.

*Summary:* The activities in this book engage children's minds and bodies as they explore the limitless bounds of the outdoors while also building key skills in areas like math, literacy and language, science, art, and music. The activities are organized by themes that include: counting, alphabet, colours, shapes, art, touch, sound and sight, plants and gardening, bubbles and air, light and shadow, animals and insects, dramatic play, and large motor skills.

371.384 N158

Nair, Prakash

**Outdoor learning : leave the classroom behind**

Monee, IL : Association for Learning Environments, 2020.

*Subjects:* Outdoor education.

*Summary:* With COVID-19 seemingly here to stay, there is now a serious move to take learning outside to maximize school capacity. Social distancing is easier outside than within the confines of a classroom. It is likely that outdoor learning, until very recently a novelty, will soon become widespread.

371.384 P722

**Play out : how to develop your outside space for learning and play**

Abingdon, Oxon, England: Routledge, 2014.

*Subjects:* Outdoor education. Outdoor recreation for children. Play environments. Play.

*Summary:* This book contains a CD-ROM with a fully adaptable audit tool, resources and activities

371.384 R523

Richardson, Gail Ryder

**Creating a space to grow : developing your enabling environment outdoors**

Abingdon, Oxon, England: Routledge, 2014.

*Subjects:* Outdoor education.

371.384 R651

Robertson, Juliet

**Dirty teaching : a beginner's guide to learning outdoors**

Bancyfelin, Wales : Independent Thinking Press, 2014.

*Subjects:* Outdoor education.

*Summary:* One of the keys to a happy and creative classroom is getting outside the classroom and this book will give you the confidence to do it. This volume contains a wealth of ideas from cheat sheets to activities that allow teachers and parents to encourage outdoor learning and improve student participation. There is no need for expensive tools or complicated technologies; all you need is your coat and a passion for learning. Bring the kids too.

371.384 S677

Sobel, David

**The sky above and the mud below : lessons from nature preschools and forest kindergartens**

St. Paul, MN : Redleaf Press, 2020.

*Subjects:* Nature—Study and teaching (Early childhood). Outdoor education.

*Summary:* David Sobel's follow-up to *Nature Preschools* and *Forest Kindergartens* walks readers through the nitty-gritty facts of running a nature-based program. Organized around nine themes, each chapter begins with an overview from the author, followed by case studies from diverse early childhood programs, ranging from those that serve at-risk children to public preschools to university farm programs to Waldorf schools.

371.384 W348

Watts, Ann

**Outdoor learning through the seasons : an essential guide for the early years**

New York, NY: Routledge, 2013.

*Subjects:* Early childhood education—Activity programs. Early childhood education—Study and teaching. Outdoor education—Activity programs. Outdoor education—Study and teaching.

*Summary:* This book provides detailed guidance on how we can encourage young children to engage with the natural world throughout the year. Using the four seasons as a framework, the book aims to help all adults to feel confident about taking children outside everyday and developing their awareness of the world around them. It suggests a wide range of experiences



and looks at the various ways in which children can interact with the environment to further their learning and development. There are ideas to brighten grey winter days as well as summer sunshine, snow, wind, and rain.

371.384 W585

White, Jan

**Playing and learning outdoors : the practical guide and sourcebook for excellence in outdoor provision and practice with young children. Third edition**

Abingdon, Oxon, UK : Routledge, 2020.

*Subjects:* Education, Preschool. Outdoor education. Outdoor recreation for children. Play environments.

*Summary:* Fully updated to reflect the current status and understandings regarding outdoor provision within early childhood education frameworks across the UK, this new edition shows early years practitioners how to get the very best from outdoor play and learning for the enjoyment, health and education of young children up to age seven. This resource gives sound practical guidance for providing: play with water, sand and other natural materials; experiences with plants, growing and living things; movement and physical play; construction, imaginative and creative play; and explorations into the locality and community just beyond your garden. This edition has been further developed to act as a comprehensive source book of relevant materials, books and resources supporting the core ingredients of high-quality outdoor provision, while each chapter also includes extensive collections of children's picture books relating to the themes within each chapter.

371.384 W929

Worroll, Jane

**Forest school wild play : outdoor fun with nature's elements earth, air, fire and water**

London, UK: Watkins, 2021.

*Subjects:* Forest School (Walthamstow, England). Nature observation. Outdoor education.

*Summary:* These activities are designed to help children to get a sense of their place in nature and understand what they can do help protect it. For air, make kites and whistles out of sticks, or learn how to predict the weather by reading the clouds. For fire, build a rocket stove, trace the sun's path with a homemade sun dial, or craft a collecting basket, fill it with firewood and then make a fire. For earth, make a mud slide, try mud painting on cloth or sculpt a forest troll. For water, make natural dye and potions, or build dams in a stream to see how the water course changes.

371.384 W929

Worroll, Jane; Houghton, Peter

**A year of forest school : outdoor play and skill-building fun for every season**

London, UK : Watkins, 2018.

*Subjects:* Adventure education. Nature observation. Nature study—Activity programs. Outdoor education. Outdoor life—Handbooks, manuals, etc. Outdoor recreation for children.

*Summary:* Rain or shine, this book will get everyone playing outside, developing new skills and discovering the wonder of nature across the year. Written for parents, teachers and anyone else wants to try out Forest School activities, and also as a handy resource for Forest School leaders, it follows on from the bestselling *Play the Forest School Way*, with brand-new games and

survival skills that connect with the natural cycle of the year. For each season, there's also a special day out – a multi-activity session that's great for parties, school breaks or simply a fun day in nature.

371.39 A546

Anderson, Doug; Comay, Julie

**Natural curiosity 2nd edition : a resource for educators : the importance of Indigenous perspectives in children's environmental inquiry**

Toronto, ON: University of Toronto Press, 2017.

*Subjects:* Curiosity in children. Education, Elementary. Environmental education. Inquiry-based learning. Nature study.

*Summary:* The second edition of *Natural Curiosity* supports a stronger basic awareness of Indigenous perspectives and their importance to environmental education. The driving motivation for a second edition was the burning need, in the wake of strong and unequivocal recommendations by the Truth and Reconciliation Commission, to situate Indigenous perspectives into the heart of Canadian educational settings and curricula, most notably in connection with environmental issues.

371.82997 L253

**Land-based learning : a case study report for educators tasked with integrating Indigenous worldviews into classrooms**

Toronto, ON: Canadian Education Association, 2017.

*Subjects:* Education—Canada. Indian children—Education—Canada. Indians of North America—Education—Canada.

371.8299707124 L253

**Land based education : a teacher resource guide for schools in Saskatchewan**

Saskatoon, SK: Saskatchewan Indigenous Cultural Centre, 2017.

*Subjects:* Indians of North America—Education—Saskatchewan. Indians of North America—Saskatchewan—Ethnic identity. Indigenous Peoples in Canada.

*Summary:* Includes some text in Cree language. Alternate title: *askîy kiskinwahamâkosiwin*.

*Notes:* Physical education 20 (2019). Physical education 30 (2019).

372.1384 B864

Broda, Herbert W.,

**Moving the classroom outdoors : schoolyard-enhanced learning in action**

Portland, ME: Stenhouse Publishers, 2011.

*Subjects:* Outdoor education. Outdoor learning laboratories.

372.1384 C756

Constable, Karen

**The outdoor classroom in practice, ages 3-7 : a month-by-month guide to forest school provision. Second edition**

Abingdon, Oxon: Routledge, 2019.

*Subjects:* Early childhood education. Outdoor education.

*Summary:* The outdoor environment is an integral part of many early years settings and schools,

but is it being used to its full potential? This book offers guidance on how the outdoors can be used to teach and challenge children across a range of settings by drawing on forest school practice. Following a month-by-month format, it explores theme-related play experiences, planning, evaluations of how the ideas described were carried out and what impact they had on children's learning and development. This fully updated second edition includes: over 150 new full-colour photographs to illustrate practice activities and objectives for both early years and KS1, including links to indoor play discussion and support for those working with children with special educational needs, detailed information on the role of the adult and of the environment sections covering health and safety guidelines and specific risk assessment in all chapters.

372.21 D912

Duncan, Sandra; Martin, Jody

**Bringing the outside in : ideas for creating nature-based classroom experiences for young children**

Lincoln, NE : Exchange Press, 2018.

*Subjects:* Active learning. Early childhood education. Education, Preschool. Learning by discovery. Nature study—Activity programs. Outdoor education.

*Summary:* This book offers nature-based experiences to encourage educators and young children to bring the natural world into the early childhood classroom. Each hands-on, open-ended, and sensory oriented experience is designed to spark discovery and imagination; encourage conversations and collaborations; allow young children to develop a sense of wonder and get to know the natural world inch-by-inch and bit-by-bit; and preserve the joys of childhood.

372.21 L323

Larimore, Rachel A.

**Preschool beyond walls : blending early childhood education and nature-based learning**

Lewisville, NC : Gryphon House, 2019.

*Subjects:* Early childhood education. Education, Preschool. Nature—Study and teaching (Early childhood). Outdoor education—Study and teaching (Early childhood).

*Summary:* Children are spending less time outside in nature, playing, imagining, and learning about their surroundings. Instead, they're spending more time with tablets, televisions, and overly structured routines. This book shows practical and strategic ways educators can create rich, exploratory, and interdisciplinary learning through extensive outdoor experiences.

372.21 S129

Waller, Tim (Ed.)

**The SAGE handbook of outdoor play and learning**

Thousand Oaks, CA : SAGE Reference, 2017.

*Subjects:* Early childhood education. Outdoor education. Play.

*Summary:* There has been a growing academic interest in the role of outdoor spaces for play in a child's development. This book represents a coordinated and comprehensive volume of international research on this subject edited by members of the well-established European Early Childhood Education Research Association Outdoor Play and Learning SIG (OPAL).

372.21 T444

Kuh, Lisa P. (Ed.)

**Thinking critically about environments for young children : bridging theory and practice**

New York, NY: Teachers College Press, 2014.

*Subjects:* Classroom environment. Early childhood education—Environmental aspects. Outdoor recreation for children. Virtual reality in early childhood education.

371.21 W752

Wilson, Ruth

**Learning is in bloom : cultivating outdoor explorations**

Lewisville, NC : Gryphon House, 2016.

*Subjects:* Early childhood education. Nature study. Outdoor education.

*Summary:* This book contains 40 hands-on activities effective in engaging young children in investigating nature, both indoors and outdoors, on the school grounds, and on excursions around the neighborhood. Through fostering a love of nature, the activities promote all areas of early childhood education and development.

372.35 B991

Buxton, Cory A.

**Place-based science teaching and learning : 40 activities for K-8 classrooms**

Thousand Oaks, CA: SAGE Publications, 2012.

*Subjects:* Science—Study and teaching (Elementary).

*Summary:* This text provides elementary and middle school teachers with 40 place-based activities that will help them to make science learning relevant to their students. This text provides teachers with both a rationale and a set of strategies and activities for teaching science in a local context to help students engage with science learning and come to understand the importance of science in their everyday lives.

372.35 F652

Walker, Sandra

**Connecting Aboriginal heritage, native plants and sustainability in Saskatchewan**

Regina, SK: Native Plant Society of Saskatchewan, 200?

*Subjects:* Environmental education—Study and teaching (Elementary). Nature study—Study and teaching (Elementary). Plants—Study and teaching (Elementary).

*Summary:* This study guide focuses on connecting Aboriginal heritage, traditional uses of native plants and issues of sustainability. Students should be encouraged to study and describe traditional narratives, how traditional worldviews affect resource usage, including the use of native plants, and how the close relationship between First Nations and the environment could be helpful in guiding stewardship and sustainable management of the environment into the future.

372.35 F652

Walker, Sandra

**Connecting societies, science, technology and the natural prairie environment in Saskatchewan. Grade 3**

Regina, SK: Native Plant Society of Saskatchewan, 200?.

*Subjects:* Environmental education—Study and teaching (Elementary). Nature study—Study and teaching (Elementary). Plants—Saskatchewan. Plants—Study and teaching (Elementary).

*Summary:* The scope of this study guide connects interactions between societies, technology and the natural environment, focusing on changes to the prairie ecosystem and native plant communities. Conditions necessary for plant growth are also investigated, using selected native plants. Basic plant structure, function and mechanisms of adaptation are reviewed, as well as the fundamental importance of soils for sustaining life.

372.35 L866

Lord, Thomas R.; Travis, Holly J.

**Schoolyard science : 101 easy and inexpensive activities**

Arlington, VA: NSTA Press, 2011.

*Subjects:* Science—Study and teaching—Activity programs.

*Summary:* With 101 easy and inexpensive activities to do on school grounds, this book can help students develop their observation and inquiry skills as well as an appreciation of the outdoor environment. Topics include: lower plants, insects and other invertebrates, energy, and Earth science. Grades K-12.

372.35 R499

Rich, Steve

**Bringing outdoor science in : thrifty classroom lessons**

Arlington, VA : National Science Teachers Association, 2012.

*Subjects:* Natural history—Study and teaching (Elementary)—Activity programs. Outdoor education. Science—Study and teaching (Elementary)—Activity programs.

*Summary:* This book features more than 50 science lessons in six units: greening the school, insects, plants, rocks and soils, water, and in the sky (covering weather, the solar system, and air pollution). Grades K-8.

372.35044 R896

Rubin, Laurie

**To look closely : science and literacy in the natural world**

Portland, ME : Stenhouse Publishers, 2013.

*Subjects:* Language arts—Correlation with content subjects. Nature—Study and teaching (Elementary). Science—Study and teaching (Elementary).

*Summary:* From setting a tone of inquiry-based thinking in the classroom to suggesting specific units of study for reading, writing, and science, the author guides teachers step-by-step through the basics of how to integrate the skills acquired through nature study into every subject. You will also discover all the ways this purposeful work nurtures "green" citizens who grow up determined to value and protect the natural environment. Filled with student journal entries, narratives, and poems inspired by experiences in the natural world, this book will inspire and encourage you to become a careful observer of your own "sit spots" outdoors and embrace nature study for a year—or for whatever part of a year is possible for you.

372.35044 S677

Sobel, David

**Nature preschools and forest kindergartens : the handbook for outdoor learning**

St. Paul, MN : Redleaf Press, 2016.

*Subjects:* Nature study. Outdoor education. Science—Study and teaching (Early childhood). Science—Study and teaching (Preschool). Science—Study and teaching (Primary).

*Summary:* This book gives guidance on how to create a successful nature-learning experience and making the most of the time children spend outdoors. It provides the framework to understand the concepts and build a learning community that stimulates curiosity and inquisitiveness in a natural environment.

372.357 C556

Christopher, Kaci Rae

**The school garden curriculum : an integrated K-8 guide for discovering science, ecology, and whole-systems thinking**

Gabriola Island, BC : New Society Publishers, 2019.

*Subjects:* Ecology—Study and teaching (Elementary). Environmental education—Activity programs. Gardening—Study and teaching (Elementary). Place-based education. School gardens. Science—Study and teaching (Elementary)

*Summary:* This book provides an integrated K-8 framework and over 200 weekly lessons that weave science, permaculture, and environmental education into place-based, immersive learning. It's for teachers aiming to blend science and life skills while inspiring environmental stewardship.

372.357 C951

Cross, Aerial

**Nature sparks : connecting children's learning to the natural world**

St. Paul, MN : Redleaf Press, 2012.

*Subjects:* Nature study—Activity programs. Nature study.

*Summary:* This book is filled with inspiration and instruction to help educators and caregivers of children ages three to eight reclaim and strengthen connections to the outdoors. This resource supplies ideas to create a nature-oriented classroom and curriculum, incorporates Howard Gardner's theory of multiple intelligences to encourage children's individual talents as they experience the natural world, and includes more than 50 sensory-integrated activities, crafts, and instructional strategies.

372.357 F532

Fishbaugh, Angela Schmidt

**Celebrate nature! : activities for every season**

St. Paul, MN : Redleaf Press, 2011.

*Subjects:* Early childhood development. Early childhood education—Activity programs. Nature study. Science—Study and teaching (Early childhood)—Activity programs.

372.357 G884

**Growing with nature : supporting whole-child learning in outdoor classrooms**

Lincoln, NE : Dimensions Educational Research Foundation, 2011.

*Subjects:* Education, Preschool. Nature study. Science—Study and teaching (Early childhood)

*Summary:* This resource documents a collaborative project of the Arbor Day Foundation and Dimensions Educational Research Foundation.

372.357 H773

Honig, Alice Sterling

**Experiencing nature with young children : awakening delight, curiosity, and a sense of stewardship**

Washington, D.C. : National Association for the Education of Young Children, 2015.

*Subjects:* Nature study—Activity programs.

*Summary:* There's a whole world outdoors waiting to embrace young children – with their curiosity, imagination, and enthusiasm – and to impart its treasures. This book invites you to explore this world with children from birth to age 8. Part ballad to nature, part irresistible invitation to teachers, this book will awaken and renew your own joy in nature – and move you to experience it with young children.

372.357 K92

Kriesberg, Daniel A.

**Think green, take action : books and activities for kids**

Santa Barbara, CA: Libraries Unlimited, 2010.

*Subjects:* Environmental education—Activity programs. Environmental sciences—Juvenile literature. Environmental sciences—Study and teaching (Elementary).

*Summary:* This book combines a wide variety of techniques to help students understand environmental issues and to gain the skills needed to take action. The children's literature and classroom activities suggested in this book cover three major environmental issues: endangered species, resource depletion, and pollution.

372.357 N285

**Nature education with young children : integrating inquiry and practice**

New York, NY : Routledge, 2013.

*Subjects:* Education, Preschool. Nature study.

*Summary:* This is a teacher resource that blends theory and practice on nature education, children's inquiry-based learning, and reflective teaching. The book's guiding conceptual framework is founded upon the integration of four key ideas for effective and transformative nature education: the power and value of equity and access to nature education, effective teaching encompasses child development domains and integrates ECE curriculum, children learn best through inquiry-based and child-centered teaching, and powerful teaching is founded upon teacher inquiry and reflection.

372.357 P888

Powers, Julie; Ridge, Sheila Williams

**Nature-based learning for young children : anytime, anywhere, on any budget**

St. Paul, MN : Redleaf Press, 2019.

*Subjects:* Environmental education. Nature study—Study and teaching (Early childhood)—Activity programs. Outdoor education. Science—Study and teaching (Early childhood)—Activity programs.

*Summary:* This book is designed to provide ideas for all early childhood educators ranging from novice to highly experienced in a wide range of ecosystems, including forests, cities, prairies, coastal, urban, and deserts. It includes background information on a range of nature topics, reproducible parent newsletters, sample play-based lesson plans, guidance and health and safety issues related to nature activities, ideas for free/inexpensive equipment and materials and for big-ticket items, ideas for family involvement, and connections to early childhood learning standards.

372.357 R499

Rich, Steve A.

**Outdoor science : a practice guide**

Arlington, VA: NSTA Press, 2010.

*Subjects:* Nature study—Study and teaching. Outdoor education. Science—Study and teaching.

*Summary:* This book contains practical suggestions for creating, maintaining, and using outdoor classrooms for both elementary and middle school students.

372.357 S468

Selly, Patty Born

**Teaching STEM outdoors : activities for young children**

St. Paul, MN : Redleaf Press, 2017.

*Subjects:* Early childhood education. Outdoor education. Science—Study and teaching (Early childhood)—Activity programs.

*Summary:* Full of activities, examples, and resources to take the fun of STEM outside, this book will help teachers articulate connections between nature play, outdoor experiences, and STEM learning in young children. Use STEM and nature-based learning to nurture children's curiosity and exploration of the world.

372.357 W265

Warden, Claire

**Green teaching : nature pedagogies for climate change and sustainability**

Thousand Oaks, CA : Corwin, 2022.

*Subjects:* Climate changes—Study and teaching (Elementary). Environmental education. Nature study. Outdoor education. Sustainable living—Study and teaching (Elementary).

*Summary:* Just being outside doesn't always guarantee a connection to the natural world. An awareness of the environment needs to be embedded within the curriculum, and with climate change and sustainability being such important and urgent issues, this book is a timely and much needed resource for early years and primary educators.

372.357 W722

Williams, Dialfruz R.; Brown, Jonathan D.

**Learning gardens and sustainability education : bringing life to schools and schools to life**

New York, NY : Routledge, 2012.



*Subjects:* Environmental education. Experiential learning. Outdoor education. School gardens.  
*Summary:* Offering a fresh approach to bringing life to schools and schools to life, this book goes beyond touting the benefits of learning gardens to survey them as a whole-systems design solution with potential to address myriad interrelated social, ecological, and educational issues. The theoretical and conceptual framework presented creatively places soil at the center of the discourse on sustainability education and learning garden design and pedagogy.

372.5 C373

Caunce, Adelle

**Playing in the muck and other arty stuff : imaginative art activities for the Walking Curriculum**

Place of publication : Publisher not identified, 200?

*Subjects:* Art—Study and teaching (Elementary)—Activity programs. Education, Elementary—Experimental methods. Outdoor education.

*Summary:* This resource is meant to work directly with Gillian Judson's *A Walking Curriculum: Evoking Wonder And Developing Sense of Place*. It provides fun, art-based activities to correspond with 30 of Gillian's walks, is designed to engage imagination, help foster a sense of wonder at the world around us, and give the kids a bit of a giggle while they're learning.

372.7 B414

Beeley, Kirstine

**50 fantastic ideas for maths outdoors**

London, England : Featherstone Education, 2013.

*Subjects:* Early childhood education—Activity programs. Mathematics—Study and teaching (Preschool). Mathematics—Study and teaching—Activity programs. Outdoor education.

*Summary:* As with all areas of early learning the author acknowledges the way that maths is integrated within play based exploration and linked to many other areas of learning. This book offers ways to develop your existing approaches as well as ways to build new resources to explore all areas of early maths including number, pattern, shape and measuring.

372.7 K28

Keith, Lynda

**Developing young children's mathematical learning outdoors : linking pedagogy and practice**

Abingdon, Oxon, England: Routledge, 2018.

*Subjects:* Early childhood education—Activity programs. Mathematics—Study and teaching (Elementary). Mathematics—Study and teaching—Activity programs. Outdoor education.

*Summary:* This book provides detailed guidance and practical advice on planning mathematical experiences for young children outdoors. By examining the key features of a mathematically rich outdoor environment, it illustrates how this can motivate children in leading their own learning and mathematical thinking.

372.7 R651

Robertson, Juliet

**Messy maths : a playful, outdoor approach for early years**

Carmarthen, Wales: Independent Thinking Press, 2017.

*Subjects:* Early childhood education. Mathematics—Study and teaching (Early childhood). Mathematics—Study and teaching (Early childhood)—Activity programs. Outdoor education. *Summary:* This book offers a rich resource of ideas that will inspire you to tap into the endless supply of patterns, textures, colours and quantities of the outdoors and deepen children's understanding of maths through hands-on experience.

508 A567

Andrews, Kim

**Exploring nature activity book for kids : 50 creative projects to spark curiosity in the outdoors**

Emeryville, CA : Rockridge Press, 2019.

*Subjects:* Natural history—Study and teaching. Nature study—Activity programs.

*Summary:* Nature books for kids should get them excited about heading out into the great outdoors. This one encourages them to track, explore, discover and create. Unlike some nature books for kids, this one is filled with hands-on educational outdoor activities like crafting bird feeders out of fruit, pressing flowers, creating sundials and so much more.

508 R579

Rinella, Steven

**Outdoor kids in an inside world : getting your family out of the house and radically engaged with nature**

New York, NY : Random House, 2022.

*Subjects:* Environmentalism. Natural history. Nature—Effect of human beings on.

*Summary:* The average American spends ninety percent of their time indoors, and children are no exception. Today, kids can spend up to seven hours per day looking at screens. Not only does this phenomenon have consequences for our kids' physical and mental health, it calls into question their ability to understand and engage with anything beyond the built environment. We can talk about environmental stewardship, but until more people make meaningful contact with nature, the welfare of our planet is in jeopardy. Thankfully, with the right mindset, families can find beauty, meaning, and connection in a life lived outdoors. Now, outdoors expert Steven Rinella shares the parenting wisdom he has garnered as a father whose family has lived amid the biggest cities and wildest corners of America. Throughout, he offers practical advice for getting your kids radically engaged with nature in a muddy, thrilling, hands-on way, guided by black-and-white illustrations throughout-with the ultimate goal of helping them see their own place within the natural ecosystem. No matter their location-rural, suburban, or urban-caregivers and kids will bond over activities such as: Camping to conquer fears, build tolerance for dirt and discomfort, and savor the timeless pleasure of swapping stories around a campfire. Growing a vegetable garden to develop a capacity to nurture and an appreciation for hard work. Foraging for wild berries, nuts, and mushrooms as a way to experience the delight of discovery. Fishing local lakes and rivers to learn the value of patience while grappling with the possibility of failure. Cooking together with naturally sourced ingredients you procured. Hunting for sustainably managed wild game to face the realities of life, death, and what it really takes to obtain our food.

578.076 S811

Stebbins, Robert C.

**Connecting with nature : a naturalist's perspective**

Arlington, VA: NSTA Press, 2012.

*Subjects:* Ecology—Study and teaching—Activity programs. Environmental education—Activity programs. Human ecology—Philosophy. Natural history—Study and teaching—Activity programs. Nature study—Activity programs. Nature—Effect of human beings on. Outdoor life—Study and teaching—Activity programs. Stebbins, Robert C.—(Robert Cyril),—1915-

*Summary:* The author blends activities, examples, and stories with his perspectives on the importance of dealing objectively yet compassionately with social and environmental problems.

582.16097 W846

Wohlleben, Peter

**Forest walking : discovering the trees and woodlands of North America**

Vancouver, BC : Greystone Books, 2022.

*Subjects:* Forest ecology. Forests and forestry. Human beings—Effect of environment on. Nature—Psychological aspects. Outdoor recreation—Psychological aspects. Trees—Ecology. Walking—Psychological aspects.

*Summary:* When you walk in the woods, do you use all five senses to explore your surroundings? For most of us, the answer is no – but when we do engage all our senses, a walk in the woods can go from pleasant to immersive and restorative. This book teaches you how to get the most out of your next adventure by becoming a forest detective, decoding nature's signs and awakening to the ancient past and thrilling present of the ecosystem around you. What can you learn by following the spread of a root, by tasting the tip of a branch, by searching out that bitter almond smell?

612.8 A416

Alladin, Erin

**Outside, you notice**

Toronto, ON : Pajama Press, 2021.

*Subjects:* Nature—Juvenile literature. Outdoor life—Juvenile literature. Senses and sensation—Juvenile literature.

*Summary:* This book is a lyrical nonfiction celebration of the outdoors, pairing childlike observation with facts about the natural world. In this book, time spent in the outdoors stirs a child's imagination. Nature sparks wonder, wonder leads to curiosity, and curiosity brings about a greater knowledge of the world and one's self. In this book, a meditative thread of child-like observations (How after the rain / Everything smells greener) is paired with facts about the habits and habitats of animals, insects, birds, and plants (A tree's roots reach as wide as its branches).

613.69 O52

Olsen, Larry Dean

**Outdoor survival skill. Seventh edition**

Chicago, IL : Chicago Review Press, 2021.

*Subjects:* Wilderness survival.

*Summary:* In this book, anecdotes from the author's lifetime of experience provide thrilling examples of the skills and attitudes that ensure survival outdoors.

635 A542

Ancona, George

**It's our garden : from seeds to harvest in a school garden**

Somerville, MA : Candlewick Press, 2013.

*Subjects:* Gardening for children. Gardening—Juvenile literature. School gardens—Juvenile literature.

*Summary:* This book presents a portrait of a Santa Fe community garden, revealing how students and other citizens work together to select and grow annual plants, create compost, release butterflies, harvest edibles, and protect garden beds for the winter.

635 B924

Bucklin-Sporer, Arden; Pringle, Rachel Kathleen

**How to grow a school garden : a complete guide for parents and teachers**

Portland, OR : Timber Press, 2010.

*Subjects:* School gardens.

635 P232

Paris, James

**Micro-gardening ideas for schools, outdoor learning and edible forest gardens : inspirational permaculture micro-gardening ideas for schools and individuals for teaching and informational purposes**

Place of publication : Dean Burn Publications, 2017.

*Subjects:* Container gardening. Gardens, Miniature. Raised bed gardening. School gardens. Sustainable horticulture.

*Summary:* Growing vegetables using micro-gardening techniques, means that it is possible to grow your own food in a way that guarantees best quality produce even if you only have a small area to grow. This introduction to eight micro-gardening ideas means that the reader is well informed of the choices available, and teachers are able to teach systems that will expand and inform the minds of gardening students eager to learn outdoor self-sufficiency skills.

635 R499

Rich, Steve

**My school yard garden**

Arlington, VA : NSTA Kids, 2015.

*Subjects:* Children's gardens. Gardening—Study and teaching. School gardens—Juvenile literature.

*Summary:* This colorful book takes students on a ramble through a school yard garden—past the seeding beds, along the compost bin, and over to the bird house and bird bath. Along the way, children learn what insects, animals, and plants need to thrive and discover the fun of observing and recording it all. K to Grade 3.

635.083 B881

Brown, Renata Fossen

**Gardening lab for kids : 52 fun experiments to learn, grow, harvest, make , play, and enjoy your garden**

Beverly, MA : Quarry Books, 2014.

*Subjects:* Children's gardens. Gardening for children.

*Summary:* This book features 52 plant-related activities set into weekly lessons, beginning with learning to read maps to find your heat zone, moving through seeds, soil, composting, and then creating garden art and appreciating your natural surroundings.

635.083 J27

James, Cathy

**The garden classroom: hands-on activities in math, science, literacy, and art**

Boston, MA : Roost Books, 2015.

*Subjects:* Gardening for children. Gardening—Study and teaching (Early childhood)—Activity programs. Outdoor education.

635.083 S795

Starbuck, Sara; Olthof, Marla

**Gardening with young children**

St. Paul, MN : Redleaf Press, 2014.

*Subjects:* Children's gardens. Gardening—Experiments. Gardening—Study and teaching—Activity programs. School gardens.

641.563 S653

Smith, Karen; Ambrosius, Alyssa

**Farm to school activities**

Owatonna, MN: Learning ZoneXpress, 2013.

*Subjects:* Local foods—Study and teaching. Nutrition—Study and teaching. Sustainable living—Study and teaching.

*Summary:* Connect your classroom to your community by teaching nutrition with a farm-to-table approach and join the locally grown food movement. Discover ways to connect students to nutrition and healthy eating through the use of indoor and outdoor gardens and the sourcing of local farm produce. The curriculum binder provides multidisciplinary lesson plans, resources, and recipes for how to improve nutrition education through farm to school initiatives. Grades 6-12.

704.943 L443

Lebeuf, Darren

**My forest is green**

Toronto, ON : Kids Can Press, 2019.

*Subjects:* Forest ecology—Juvenile literature. Forests in art—Juvenile literature. Handicraft for children—Juvenile literature. Nature (Aesthetics)—Juvenile literature. Nature in art—Juvenile literature.

*Summary:* With art supplies in tow, a young artist explores the wonders of his urban forest during all four seasons. Using a variety of artistic mediums, the boy creatively depicts the

smaller parts of the forest that make up the larger whole. Throughout the pages, readers will find: charcoal rubbings, rock art, photographs, sponge paintings, snow sculptures, cut-paper collage, and more. The boy uses his imaginative renderings to express his appreciation for nature and the outdoors, motivating readers to experiment with their own nature art.

790.069 M379

Martin, Bruce; Breunig, Mary

**Outdoor leadership : theory and practice. Second edition**

Champaign, IL : Human Kinetics, 2017.

*Subjects:* Outdoor recreation. Recreation leadership.

*Summary:* Crafted by an author team internationally recognized for their research, teaching, and experience in outdoor and adventure leadership, this new edition provides students with the foundational knowledge they need to develop as competent professionals in the field.

796.083 R625

Rivkin, Mary S.; Schein, Deborah

**The great outdoors. Advocating for natural spaces for young children**

Washington, DC : National Association for the Education of Young Children, 2014.

*Subjects:* Early childhood education. Learning by discovery. Outdoor education.

796.5083 L567

Lennig, Melissa

**Sticks and stones : a kid's guide to building and exploring in the great outdoors**

Beverly, MA : Quarry Books, 2019.

*Subjects:* Children and the environment. Outdoor education.

*Summary:* Written by a top mom blogger, this book gives boys, girls, and their adults ideas for getting outside and creating safe, useful structures and objects using nature's building supplies.

796.9 F692

Foran, Andrew; Redmond, Kevin

**The get-outside guide to winter activities**

Champaign, IL : Human Kinetics, 2017.

*Subjects:* Recreation leaders—Training of—Handbooks, manuals, etc. Winter sports.

*Summary:* This book offers a wealth of ideas, activities, games, and tips for leaders of wintertime outdoor groups. The activities are safe, age appropriate, and easily modifiable for varying skill levels and designed for a range of locales.

813.6 M585

Messner, Kate

**Up in the garden and down in the dirt**

San Francisco, CA : Chronicle Books, 2015.

*Subjects:* Gardening—Juvenile fiction. Gardens—Juvenile fiction. Soils—Juvenile fiction.

*Summary:* Up in the garden, the world is full of green—leaves and sprouts, growing vegetables, ripening fruit. But down in the dirt there is a busy world of earthworms digging, snakes hunting, skunks burrowing, and all the other animals that make a garden their home. In this exuberant

book, discover the wonder and activity that lie hidden between the stalks, under the shade of leaves . . . and down in the dirt.

813.6 T187

Tariq, Ambreen

**Fatima's great outdoors**

New York, NY: Kokila, 2021.

*Subjects:* Camping—Juvenile fiction. East Indian Americans—Juvenile fiction. Families—Juvenile fiction. Immigrants—Juvenile fiction. Parks—Juvenile fiction.

*Summary:* Excitedly joining her family for an outdoor camping trip in a Midwestern state park, Fatima Khazi helps set up a tent, build a fire, and fend off a daddy longlegs before settling down to sleep surrounded by the near-magical sounds of the forest.

FR 372.357 C753

Dumont, Christiane

**Nos liens avec la nature : une ressource didactique de la quatrième à la sixième année.**

Vancouver, BC : David Suzuki Foundation, 200?.

*Subjects:* Ecology—Study and teaching (Elementary). Environmental education. Human ecology—Philosophy. Natural history—Study and teaching (Elementary). Nature study. Nature—Effects on human beings on. Outdoor life—Study and teaching (Elementary).

*Summary:* Le programme "Nos liens avec la nature" a pris source dans le guide de l'enseignant "The nature challenge Teacher's guide" publiée par la Fondation David Suzuki en 2006 (en anglais seulement).