

# Ks1 Outdoor Problem Solving Activities

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**Mathematics Through Play in the Early Years** Kate Tucker 2010-03-18 Teaching mathematics to young children in creative ways is made easy with this second edition of a wonderful book, which offers the reader clear advice and lots of exciting ideas to use in any early years setting. By showing how to introduce mathematical concepts through play-based activities, this book is in tune with current thinking about best practice in teaching, and with the requirements of the Early Years Foundation Stage and current Primary National Strategy. New material includes: - an additional chapter on creative recording - a whole new chapter on ways to involve parents - discussion of policy throughout the UK - more on using ICT - case studies covering the whole birth to eight age range Essential reading for any practitioner who wants to develop their mathematics teaching, this book is equally important for all trainee teachers and early years students. Kate Tucker is an early years teacher, trainer and writer based in Exeter; she has over 20 years of experience, and has written widely on early years mathematics and Foundation Stage practice.

**The National Curriculum Outdoors: Year 3** Deborah Lambert 2020-06-25 Teaching outside the classroom improves pupils' engagement with learning as well as their health and wellbeing, but how can teachers link curriculum objectives effectively with enjoyable and motivating outdoor learning in Year 3? The National Curriculum Outdoors: Year 3 presents a series of photocopiable lesson plans that address each primary curriculum subject, whilst enriching pupils with the benefits of learning in the natural environment. Outdoor learning experts Sue Waite, Michelle Roberts and Deborah Lambert provide inspiration for primary teachers to use outdoor contexts as part of their everyday teaching and showcase how headteachers can embed curriculum teaching outside throughout the school, whilst protecting teaching time and maintaining high-quality teaching and performance standards. All of the Year 3 curriculum lessons have been tried and tested successfully in schools and can be adapted and developed for school grounds and local natural environments. What's more, each scheme of work in this all-encompassing handbook includes primary curriculum objectives; intended learning outcomes; warm-up and main activities; plenary guidance; natural connections; ICT and PSHE links; and word banks.

**The National Curriculum Outdoors: Year 4** Sue Waite 2020-06-25 Teaching outside the classroom improves pupils' engagement with learning as well as their health and wellbeing, but how can teachers link curriculum objectives effectively with enjoyable and motivating outdoor learning in Year 4? The National Curriculum Outdoors: Year 4 presents a series of photocopiable lesson plans that address each primary curriculum subject, whilst enriching pupils with the benefits of learning in the natural environment. Outdoor learning experts Sue Waite, Michelle Roberts and Deborah Lambert provide inspiration for primary teachers to use outdoor contexts as part of their everyday teaching and showcase how headteachers can embed curriculum teaching outside throughout the school, whilst protecting teaching time and maintaining high-quality teaching and performance standards. All of the Year 4 curriculum lessons have been tried and tested successfully in schools and can be adapted and developed for school grounds and local natural environments. What's more, each scheme of work in this all-encompassing handbook includes primary curriculum objectives; intended learning outcomes; warm-up and main activities; plenary guidance; natural connections; ICT and PSHE links; and word banks.

**You Choose!** Pippa Goodhart 2009-06-16 Imagine you could go anywhere, with anyone and do anything! Where would you live? Where would you sleep? Who would be your friends? Go on - you choose! With the help of Nick Sharratt's illustrations, this book looks at a whole range of scenarios where choosing is made fun.

**Hide-a-Saurus** Twinkl Originals 2020-01-31 Ten dinosaur friends are playing hide-and-seek. Can you help to find them all? Download the full eBook and explore supporting teaching materials at [www.twinkl.com/originals](http://www.twinkl.com/originals) Join Twinkl Book Club to receive printed story books every half-term at [www.twinkl.co.uk/book-club](http://www.twinkl.co.uk/book-club) (UK only).

**Debates in Primary Education** Virginia Bower 2020-10-20 This powerful text encourages both pre-service and established teachers, as well as teacher educators, to engage with contemporary debates in primary education. Promoting a critical approach, the chapters explore a wide range of key themes including the importance of values in primary education and the imperative for a curriculum which embraces the whole range of available subjects. At the same time, the chapters are underpinned by a belief that children should be at the heart of all the decisions we make and that primary education should inspire a love of learning, for life. The book aims to support practitioners to make informed judgements and feel confident to argue their point of view with deeper theoretical knowledge and understanding, thus increasing teacher agency and confidence in responding to complex educational and social dilemmas such as literacy levels and rising mental health concerns. Chapters encompass both the macro aspects of primary education and more specialised debates on key topics such as reading, mathematics, languages, early years education and the use of technology. With annotated further reading and reflective questions, this key text is essential reading for all those wanting to develop a better understanding of the issues that shape their practice including student teachers at both undergraduate and postgraduate level, practising teachers engaged in continuing professional development and teacher educators.

**The National Curriculum Outdoors: Year 5** Sue Waite 2020-06-25 Teaching outside the classroom improves pupils' engagement with learning as well as their health and wellbeing, but how can teachers link curriculum objectives effectively with enjoyable and motivating outdoor learning in Year 5? The National Curriculum Outdoors: Year 5 presents a series of photocopiable lesson plans that address each primary curriculum subject, whilst enriching pupils with the benefits of learning in the natural environment. Outdoor learning experts Sue Waite, Michelle Roberts and Deborah Lambert provide inspiration for primary teachers to use outdoor contexts as part of their everyday teaching and showcase how headteachers can embed curriculum teaching outside throughout the school, whilst protecting teaching time and maintaining high-quality teaching and performance standards. All of the Year 5 curriculum lessons have been tried and tested successfully in schools and can be adapted and developed for school grounds and local natural environments. What's more, each scheme of work in this all-encompassing handbook includes primary curriculum objectives; intended learning outcomes; warm-up and main activities; plenary guidance; natural connections; ICT and PSHE links; and word banks.

**A Magical Muddle** Twinkl Originals 2019-10-31 Tabitha is worried about a special visitor coming to her school. "She wanted to impress the Head Witch but sometimes, her spells went wrong." When Tabitha comes up with a brainy idea, will she dazzle or disappoint? Find out in this fun story about magic and friendship. Download the full eBook and explore supporting teaching materials at [www.twinkl.com/originals](http://www.twinkl.com/originals) Join Twinkl Book Club to receive printed story books every half-term at [www.twinkl.co.uk/book-club](http://www.twinkl.co.uk/book-club) (UK only).

**Maths Outdoors** Carole Skinner 2005 Encourage young children to learn maths through outdoor play. This book provides ideas for enjoyable and challenging mathematical activities and games outdoors. Addresses practical issues such as planning, weather-proofing and linking outdoor and indoor maths.

**Games, Ideas and Activities for Primary Outdoor Learning** Paul Barron 2013-09-06 A collection of 150 unique games and activities to help support teaching of maths in the primary classroom. Designed with busy teachers in mind, the Classroom Gems series draws together an extensive selection of practical, tried-and-tested, off-the-shelf ideas, games and activities guaranteed to transform any lesson or classroom in an instant. Easily navigable, allowing you to choose the right activity quickly and easily, these invaluable resources are guaranteed to save you time and are a must-have tool to plan, prepare and deliver first-rate lessons.

**Stanley's Stick** John Hegley 2012-11-26 Stanley's Stick is a teaming-up of hefty talents - the glorious poet John Hegley and the award-winning illustrator Neal Layton. Stanley's stick is not just a stick. With a stick in hand, Stanley's options are endless - he flies to the moon, writes in the sand, goes fishing, plays a whistle and rides a dinosaur - his imagination takes over and the magic begins. Hegley's lyrical prose captures the free-wheeling expressiveness of childhood, and Layton's deceptively simple illustrations are full of wit and character. Sweet, magical and thoroughly entertaining, this is Hegley and Layton's first collaboration. '... hours of imaginative play.' The Times 'Everything a picture book should be.' Irish Times

*Curriculum for Excellence Through Outdoor Learning* Learning and Teaching Scotland 2010

**The National Curriculum Outdoors: Year 6** Sue Waite 2020-06-25 Teaching outside the classroom improves pupils' engagement with learning as well as their health and wellbeing, but how can teachers link curriculum objectives effectively with enjoyable and motivating outdoor learning in Year 6? The National Curriculum Outdoors: Year 6 presents a series of photocopiable lesson plans that address each primary curriculum subject, whilst enriching pupils with the benefits of learning in the natural environment. Outdoor learning experts Sue Waite, Michelle Roberts and Deborah Lambert provide inspiration for primary teachers to use outdoor contexts as part of their everyday teaching and showcase how headteachers can embed curriculum teaching outside throughout the school, whilst protecting teaching time and maintaining high-quality teaching and performance standards. All of the Year 6 curriculum lessons have been tried and tested successfully in schools and can be adapted and developed for school grounds and local natural environments. What's more, each scheme of work in this all-encompassing handbook includes primary curriculum objectives; intended learning outcomes; warm-up and main activities; plenary guidance; natural connections; ICT and PSHE links; and word banks.

**Stick Man** Julia Donaldson 2017

**Understanding Mathematics for Young Children** Derek Haylock 2017-02-08 Essential guide for teaching children aged 3-7, developing knowledge of key mathematical ideas and concepts in the nursery and primary classroom.

**Place Value** David A. Adler 2016-02-15 You had better not monkey around when it comes to place value. The monkeys in this book can tell you why! As they bake the biggest banana cupcake ever, they need to get the amounts in the recipe correct. There's a big difference between 216 eggs and 621 eggs. Place value is the key to keeping the numbers straight. Using humorous art, easy-to-follow charts and clear explanations, this book presents the basic facts about place value while inserting some amusing monkey business.

**Maths Enrichment** Ric Publications Staff 1997 The book contains blackline masters of stimulating activities in mathematics..\_

**Teaching Number Sense** Julia Anghileri 2000-12-21 A specialist text that uses a balance of theory and practice to help teachers deal with the problems and issues they will encounter in teaching mathematics. It includes examples for use in the classroom, and addresses the issue of how to teach most effectively in light of curriculum changes.

*Desperately Seeking Solutions* 2009

**Maths Outdoors** Mercia Lee 2009-10

*The National Curriculum Outdoors: KS1* Deborah Lambert 2020-06-25 Teaching outside the classroom improves pupils' engagement with learning as well as their health and wellbeing, but how can teachers link curriculum objectives effectively with enjoyable and motivating outdoor learning in Key Stage 1? The National Curriculum Outdoors: KS1 presents a series of photocopiable lesson plans that address each primary curriculum subject, whilst enriching pupils with the benefits of learning in the natural environment. Outdoor learning experts Sue Waite, Michelle Roberts and Deborah Lambert provide inspiration for primary teachers to use outdoor contexts as part of their everyday teaching and showcase how headteachers can embed curriculum teaching outside throughout the school, whilst protecting teaching time and maintaining high-quality teaching and performance standards. All of the Key Stage 1 curriculum lessons have been tried and tested successfully in schools and can be adapted and developed for school grounds and local natural environments. What's more, each scheme of work in this all-encompassing handbook includes primary curriculum objectives; intended learning outcomes; warm-up and main activities; plenary guidance; natural connections; ICT and PSHE links; and word banks.

*Learning through Adventurous Activities*

**Enabling Access** Barry Carpenter 2014-04-08 First Published in 1997. Routledge is an imprint of Taylor & Francis, an informa company.

**81 Fresh & Fun Critical-thinking Activities** Laurie Rozakis 1998 Help children of all learning styles and strengths improve their critical thinking skills with these creative, cross-curricular activities. Each engaging activity focuses on skills such as recognizing and recalling, evaluating, and analyzing.

**Teaching Outdoors Creatively** Stephen Pickering 2017-04-21 Teaching Outdoors Creatively offers guidance and a variety of exciting ideas to suit the full range of primary schools and locations. Underpinned by current research and practical experience, it investigates innovative approaches to working creatively with children beyond the classroom. While recognising the diverse needs and opportunities that primary schools have to develop the outdoors as part of their curriculum, it presents a broad range of activities, philosophies and approaches. Key themes explored include: Understanding and using local and home environments Investigating streets and buildings in your area Planning fieldwork Using rivers to inspire children Forest schools Beach schools Physical education outdoors Learning through adventure. Teaching Outdoors Creatively supports teaching and learning in a wide range of settings, from schools in rural and urban areas, to off-site outdoor education centres and residential visits. With a focus on developing effective and stimulating learning environments for children it is a must-have resource for all busy trainee and practising teachers.

**The Doorbell Rang** Pat Hutchins 1989-10-26 Ma has made a dozen delicious cookies. It should be plenty for her two children. But then the doorbell rings -- and rings and rings.Each ring of the doorbell brings more friends to share the delicious cookies Ma has made."Refreshing, enjoyable and unpredictable." -- School Library Journal. Also available in a Spanish-language edition, Llaman a la puerta.

**Last Child in the Woods** Richard Louv 2013-07-04 This huge international bestseller, fully revised for non-American readers, is now in ebook. Last Child in the Woods shows how our children have become increasingly alienated and distant from nature, why this matters, and what we can do to make a difference. It is unsentimental, rigorous and utterly original. 'A cri de coeur for our children' Guardian Camping in the garden, riding bikes through the woods, climbing trees, collecting bugs, picking wildflowers, running through piles of autumn leaves... These are the things childhood memories are made of. But for a whole generation of today's children the pleasures of a free-range childhood are missing, and their indoor habits contribute to epidemic obesity, attention-deficit disorder, isolation and childhood depression. This timely book shows how our children have become increasingly alienated and distanced from nature, why this matters and how we can make a difference. Last Child in the Woods is a clarion call, brilliantly written, compelling and irresistibly persuasive - a book that will change minds and lives.

**Looking After Literacy** Caroline Walker-Gleaves 2017-10-23 This book draws on the latest research to offer guidance in supporting children struggling with literacy.

**Messy Maths** Juliet Robertson 2017-07-12 In Messy Maths: A Playful, Outdoor Approach for Early Years, Juliet Robertson 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. Juliet believes being outside makes maths real. In the classroom environment, maths can seem disconnected from everyday reality but real maths is really messy. Lots of outdoor play and engaging activity along the way is a must, as being outside enables connections to be made between the hands, heart and head, and lays the foundations for more complex work as children grow, develop and learn. Following on from the success of Dirty Teaching (ISBN 978-178135107-9), Messy Maths reimagines the outdoor space through a mathematical lens providing a treasure trove of suggestions that will empower you to blend outdoor learning into your teaching practice. It is not a 'how to' guide, but rather an easy-to-use reference book replete with ready-to-use games and open-ended ideas designed to help children become confident and skilled in thinking about, using and exploring abstract mathematical concepts as they play outside. Many of these ideas and activities are also beautifully displayed in full-colour photographs throughout the book, making it even easier to jump straight into outstanding outdoor learning opportunities. Topics covered include: general advice; exploring numbers; number functions and fractions; money; measurement; time; pattern; shape and symmetry; position, direction and movement; data handling; routines; and the mathematical garden. Each chapter features a section on topic-specific vocabulary and

expressions to help you integrate terminology into each area of study, while suggestions for embedding maths into routines are also provided to assist in the development of creative, progressive and flexible approaches to everyday situations. Messy Maths is suitable for early years educators (of ages 3 to 6) who want to shake up their usual classroom practice and make the most of any outdoor space - whether this be a nursery, playgroup, child-minder's back garden or a nature kindergarten as a context for maths. Messy Maths has been named the Gold Winner in the Mathematics category of the Nursery World Equipment & Resources Awards 2019. Messy Maths has been named the Silver Winner in the Outdoor Play category and Professional Books (and authors) category of the Nursery World Equipment & Resources Awards 2019. Messy Maths was a 2017 Foreword INDIES Finalist in the Education category. Messy Maths has been named a 'Gold Winner' in the IBPA Benjamin Franklin Awards 2018 in the Education category. Messy Maths is a finalist in the 2018 Education Resources Awards in the Educational Book Award category.

**Outdoor Learning Research** Sue Waite 2020-06-30 The term 'outdoor learning' covers many forms of practice outside the classroom, including Forest School and outdoor play. Outdoor learning has been rapidly growing as a topic of interest for educators and parents over the last ten years, and research published in this field is also increasing. Despite the fact that we are inextricably part of the natural world, there is concern that contemporary children have become disconnected from nature and that their opportunities to access natural environments are declining. Given compelling evidence that time spent in natural places has multiple benefits for human health and wellbeing and pro-environmental behaviour (Bourn et al., 2016), there is an impetus to find ways to increase children's exposure to and attachment to nature through their education. The chapters in this book were originally peer-reviewed articles published in Education 3-13: International Journal of Primary, Elementary and Early Years Education. They are amongst the most popular in the journal, reflecting the demand for more evidence of outcomes and high-quality information about how best to implement outdoor learning for children in this age group. The authors report qualitative and quantitative studies and consider implications of the findings for children and their development, and for the integration (or not) of natural environment contexts within school practices. Gathering this body of evidence together in a single volume enables important messages about outdoor learning's various purposes, processes and outcomes to be more readily accessed by practitioners, policy makers and researchers.

**The Artful Parent** Jean Van't Hul 2019-06-11 Bring out your child's creativity and imagination with more than 60 artful activities in this completely revised and updated edition Art making is a wonderful way for young children to tap into their imagination, deepen their creativity, and explore new materials, all while strengthening their fine motor skills and developing self-confidence. The Artful Parent has all the tools and information you need to encourage creative activities for ages one to eight. From setting up a studio space in your home to finding the best art materials for children, this book gives you all the information you need to get started. You'll learn how to: \* Pick the best materials for your child's age and learn to make your very own \* Prepare art activities to ease children through transitions, engage the most energetic of kids, entertain small groups, and more \* Encourage artful living through everyday activities \* Foster a love of creativity in your family

**The Fish Who Could Wish** John Bush 2012-09-27 Deep in the ocean lives a fish whose wishes come true! He wishes for all sorts of crazy things - a castle, a car, and even fine clothes to wear. But he is a rather foolish fish and one day he wishes to be just like all the other fish . . . perhaps this will be the one wish he wishes he never wished! The rhythmical text is great to read aloud and Korky Paul's illustrations take you to a crazy underwater world. With its neat punch line, this is a book that children will just love to hear (and join in with) over and over again.

**Essentials of Team Building** Daniel W. Midura 2005 Team building is a proven approach for helping people become respectful competitors, cooperative team members, and community leaders. Now you can help your students or group develop those same important skills with Essentials of Team Building: Principles and Practices. The authors, with two successful books on team building and 30 years of team-building experience, offer a day-by-day guide for implementing activities and challenges for individual sessions, units, or an entire semester. The activities and challenges are geared to beginning through advanced participants in a variety of settings, and they help participants develop the following valuable skills: "Problem solving" "Appropriate risk taking" "Building working relationships" "Cooperation" "Leadership and communication" "Creative thinking" "Building trust" "Making decisions" "Setting goals" "Developing physical skills" In chapters 1 and 2 the authors introduce the concept of team building,

including its benefits, its connection with adventure education and community building, and the process involved in building a team. Chapters 3 and 4 provide assessment tools and safety strategies. Chapter 5 offers a sample college course outline in team building. You'll find icebreaker and community activities in chapter 6, and in chapters 7 through 9 you can choose from an array of introductory, intermediate, and advanced challenges. Chapter 10 provides character development and community-building challenges, and an appendix lays out challenge cards, useful forms, reports, and examples. In addition, Essentials of Team Building: Principles and Practices includes 58 activities and challenges for beginning through advanced teams; "reproducible forms for organizing, presenting, and evaluating team-building challenges; a "ready-to-use unit and semester plans with evaluation tools for each activity; and a "a bound-in DVD with video clips of 25 challenge demonstrations and reproducible challenge and organizer cards. **Teaching Computing Unplugged in Primary Schools** Helen Caldwell 2016-10-18 Teaching primary computing without computers? The Computing curriculum is a challenge for primary school teachers. The realities of primary school resources mean limited access to computer hardware. But computing is about more than computers. Important aspects of the fundamental principles and concepts of computer science can be taught without any hardware. Children can learn to analyse problems and computational terms and apply computational thinking to solve problems without turning on a computer. This book shows you how you can teach computing through 'unplugged' activities. It provides lesson examples and everyday activities to help teachers and pupils explore computing concepts in a concrete way, accelerating their understanding and grasp of key ideas such as abstraction, logic, algorithms and data representation. The unplugged approach is physical and collaborative, using kinaesthetic learning to help make computing concepts more meaningful and memorable. This book will help you to elevate your teaching, and your children's learning of computing beyond the available hardware. It focuses on the building blocks of understanding required for computation thinking.

**Starry-Eyed Stan** Twinkl Originals 2018-02-12 All the sea creatures agree that Stan is the most talented singing starfish in the bay. 'And as he sang, they cheered and swooned, "Oh, what a gorgeous sound!" But when danger strikes, will Stan's talent save the day? Find out in this touching tale about the importance of friendship and working as a team. Download the full eBook and explore supporting teaching materials at [www.twinkl.com/originals](http://www.twinkl.com/originals) Join Twinkl Book Club to receive printed story books every half-term at [www.twinkl.co.uk/book-club](http://www.twinkl.co.uk/book-club) (UK only).

**The Little Book of Maths Outdoors** Terry Gould 2015-06-04 This is a unique book that supports the current thinking behind outdoor learning. It features over 40 ideas for outdoor activities that support mathematics in the early years and the specific areas of learning in the revised EYFS. All the ideas are tried and tested by Terry and this book will prove to be popular in the early years and well into Key stage 1.

**Dirty Teaching** Juliet Robertson 2014-01-31 Juliet Robertson offers tips and tricks to help any teacher develop variety in their teaching. One of the keys to a happy and creative classroom is getting out of it and this book will give you the confidence to do it. It 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 - oh, and you'd better bring the kids too

**Learning Outdoors** Maggie Woonton 2012-12-06 It is now officially acknowledged that outdoor play is extremely important for young children's development and that a few old bikes and a climbing frame just will not do. This book shows how to develop an outdoor learning environment properly for young children and how adult supporters should behave in this space. This book offers examples of good outdoor practice in a range of early years settings. Both practical and theoretical aspects of learning outdoors are covered, tracking a shared enthusiasm for outdoor play amongst practitioners, children and parents. The book shows how the authors set about solving common problems encountered in the outdoor area, and, using photographs, plans and written observations, the book shows how stimulating outdoor learning environments can be created.

**The Rainbow Fish** Marcus Pfister 1992 The most beautiful fish in the entire ocean discovers the real value of personal beauty and friendship.

**Handa's Surprise** Eileen Browne 1997 This is a vibrant and brightly coloured picture book, set in Africa, about a girl's eventful journey with a basket of fruit.