## Outdoor Math: Fun Activities For Every Season



## Synopsis

In this innovative book, Emma Adb?ge encourages children to get outside, where they can have fun interacting with the natural world while learning math. Adb?ge has created twenty-two outdoor activities, organized by season. Through play, children will learn about numeracy and arithmetic, as well as math concepts such as shapes, time, greater/less than, even and odd numbers, patterns and grids. The activities have simple-to-follow instructions and are accompanied by adorable illustrations that provide clear visual demonstrations. The natural materials required --- stones, pinecones, snowballs, worms --- are easy to find in many environments. Supplementary spreads introduce the numbers 1 to 10 and further explore addition/subtraction and multiplication/division, with simplified explanations and illustrated examples. Studies have shown that learning outdoors helps kids retain information and skills, and that physically active children perform better in a variety of subjects --- including math. This book could be used alongside other math coursework all school year, since the activities have direct curricular applications. While the thrust of the book is math, there are also science lessons here, particularly regarding the properties of nature and how things change during the four seasons. Many of the activities can be done in pairs or groups, promoting teamwork and cooperation. A list of activities in the back matter indexes the activities and categorizes them by the math skills they develop.

## Book Information

Lexile Measure: AD640L (What's this?)
Hardcover: 26 pages
Publisher: Kids Can Press (April 5, 2016)
Language: English
ISBN-10: 1771386126
ISBN-13: 978-1771386128
Product Dimensions: $8.1 \times 0.5 \times 9.8$ inches
Shipping Weight: 10.4 ounces (View shipping rates and policies)
Average Customer Review: 3.7 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)
Best Sellers Rank: \#470,369 in Books (See Top 100 in Books) \#133 inÂ Books > Children's Books
> Education \& Reference > Science Studies > Nature > Forests \& Trees \#1382 inÂ Books > Children's Books > Education \& Reference > Math \#6210 inÂ Books > Children's Books > Science, Nature \& How It Works

Age Range: 5-8 years

Grade Level: Kindergarten - 3

## Customer Reviews

I received a digital ARC from the publisher through NetGalley.com for an honest, unbiased review. My opinion is my own.As a mom who loves new ways of teaching her preschooler through play, this book was especially intriguing to me. I think that it would be great for anyone interested in fun, outdoor, educational activities, from parents to teachers.My son (3) and I intend to hit up our local park later this afternoon to gather some rocks for the paint \& numbers activity. I love that something so simple is a fun activity while we are out, will be an art activity, and then we will have a 'toy' at the end to play with numbers. The biggest thing keeping this from 4 stars for me is that we live in Southern California, so basically all of the "Winter" activities are irrelevant unless we travel to the snow. I would also like some activities that were more water-play based.Overall, though, a great book with some fun ideas!

Summary: Simple but fun activities to learn math are arranged by season, and emphasize getting outdoors. Measure worms in spring, count clouds in summer, play pick-up sticks in fall, and make snow shapes in winter. Each activity begins with materials needed, which are all either objects that are found outside or simple household items. Explanations of addition, subtraction, multiplication, and division are given at the end of the activities. Includes an index of activities, arranged by mathematical concept. 26 pages; grades PreK-3.Pros: This Swedish import makes learning math fun and healthy. The activities are simple enough for preschoolers to enjoy, but include mathematical concepts that are covered through the primary grades.Cons: Youâ ${ }^{T M} d$ have to live in a four-seasons climate to do all the activities.

This isn't a very in-depth set of activities. Mostly a good list of ideas of stuff to do outside without a lot of lesson plan type material.

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