

# BLOSSOM & ROOT

INTEGRATED MATH AND ARTS // YEAR 1

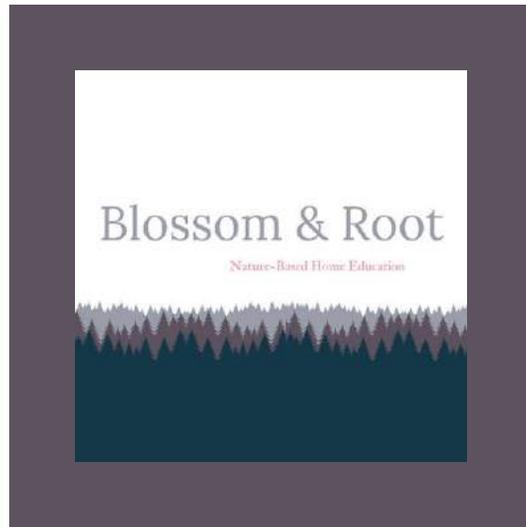
## *Exploring the Math in Art*

PARENT GUIDE



YEAR 1

Exploring Expressive Shapes, Whole and Parts, Patterns, Balance, and Symmetry



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# *Blossom & Root*

Integrated Math and Arts,  
Year 1:

## *Exploring the Math in Art*

A Complete, Hands-On Math-Inspired Arts Curriculum

Grade 1

### **Blossom & Root Integrated Math and Arts Year 1: Exploring the Math in Art**

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# Week One: Exploring Kandinsky's Circles

## Part One: Picture Study

Show your child Kandinsky's *Color Study. Squares with Concentric Circles*. (1913.) Let them gaze upon it for a few minutes. Then, hide the work from view and ask them to recall as many details about it as possible. (Colors, shapes, figures, features, feelings, etc.)

Once your child is finished, tell them the title of the piece and the name of the artist. (Use Google search or library books to find a copy of the piece to show your child.)

## Part Two: Exploring the Math Concept

Read to your child: *Kandinsky loved to work with shapes and explore how they interact with each other. This drawing features two shapes: circles contained within squares. Shapes can contain each other, and sometimes space is left over. Notice the corners of the squares that are not filled by the circles. How would it look if the squares were inside the circles instead? What if the circles were triangles or diamonds, how would that change the drawing?*

## Part Three: Exploring with Art

Provide several colors of paper and crayons, oil pastels, markers, or colored pencils. You may also provide shape stencils or different-shaped objects for your child to trace (optional.) Have your child fill the paper with one kind of shape, as Kandinsky did with squares, then fill each of these with a second kind of shape (as he did with circles.) Your child can make as many variations of this as they like. When they have finished, compare the explorations of different "shapes contained within shapes." Which variation is their favorite? Be sure to have them sign their work, and write their title and the date on the back.

## Expressive Shapes

### This Week's Math Concept:

Shapes can contain each other.

### This Week's Featured Work of Art:

Kandinsky

*Color Study. Squares with Concentric Circles.*

1913

### Supplies You Will Need:

- Several colors of paper (white printer paper, colored construction paper, etc.)
- Crayons, oil pastels, markers, or colored pencils
- Shape stencils or different-shaped objects to trace (optional)

