

Anno's Counting Book

Can you find all the ways the number is shown on the page?

Topics: numbers 0 - 12, counting

Math Connections: Use *Anno's Counting Book* to develop your child's counting skills, concept of zero, and their understanding of the progression of the seasons.

Each two-page spread shows the development of a small community over twelve months and through the four seasons. The illustrations represent the number shown on the right margin. For example, for the number five the illustrations show five buildings, five cats, five train cars, five flags, and five o'clock on the church clock. That number is also represented by cubes stacked on the left margin. Notice that the cubes for 11 and 12 are represented by 10 cubes in one stack and one or two in another stack. Each time you and your child read the book, you both will discover new representations of each number.

Encourage your child to notice the changes from page to page. As the number goes up by one, the number of objects on the page goes up by one. For example, the number of buildings in the community increases by one each time you turn the page. Ask your child to count the buildings, people, or trees etc. and then ask them how many buildings are there. When your child can tell you how many there are without counting again, they have the skill known as *cardinality*. Cardinality is understanding that the last number named while counting, is the number of objects. If your child can give one number to each object as they count, they understand *one-to-one correspondence*. One-to-one correspondence is giving one number name to each object without skipping or repeating objects.

Help your child develop the concept of zero by spending some time on the first pages. You might want to go back to the zero page after your child gets the idea of the book. There are zero buildings, zero trees, zero people. After you have enjoyed the book a few times, try reading the book backwards and notice what happens with the numbers and illustrations.

The numbers can also be thought to represent the months of the year and the illustrations show the corresponding progression of the seasons (in the Northern Hemisphere). Ask your child what season they think it is by looking at the illustrations.

AUTHOR:

Mitsumasa Anno

In this beautiful, wordless counting book, the numbers zero through twelve are illustrated in many ways, each number on its own page.

Ages: Birth to 5 years

Interest Level:
Infant to Preschool

ATOS Reading Level:
Not available

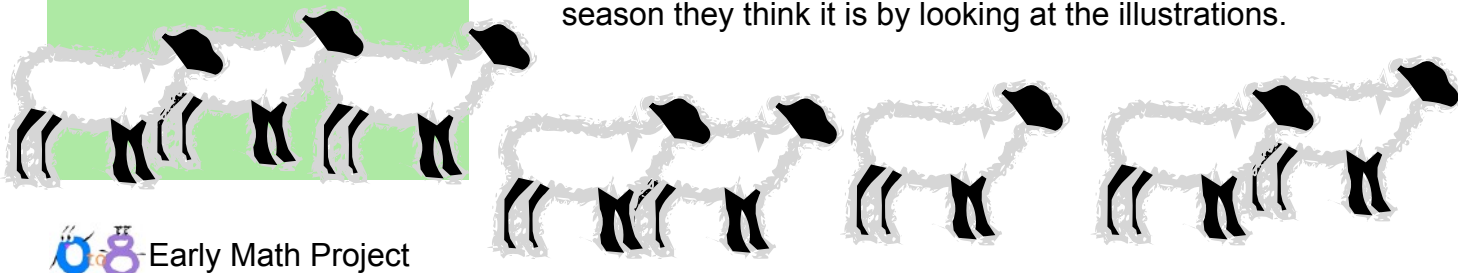
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ISBN: 9780064431231

Copyright: 1975

Genre: Fiction

Classification: Picture
Story Book



Extension Questions:

1. Ask your child what they notice on each page. Encourage them to count the number of buildings, then ask, “How many buildings are there?”
2. Ask your child what objects do NOT represent the number for that page. One example is the number of windows in the church. Ask them to count those objects and compare to the number on the page. Are there more or fewer windows than the number on the page?
3. Sometimes, the things you want to count are a little bit hard to find. For example the leafy trees are spread across the two pages. Encourage your child to check again if they don’t find all of them. What was easy to count? What was more difficult to count?
4. What are some things that stay the same throughout the book?

Vocabulary for Building Math Concepts	None
Vocabulary for Extending Math Concepts	cardinality, counting, numbers 0 - 12, one-to-one correspondence
Vocabulary for Reading Comprehension	None

Early Math Project Resources:

Draw It Out: <https://bit.ly/2TE1XEp> (English)

Draw It Out (Spanish)

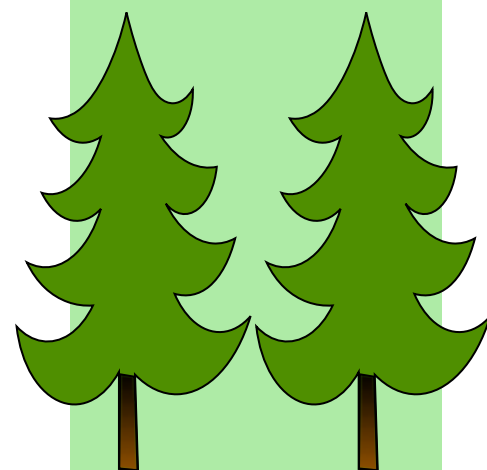
Online Resources:

Lora in the Library Using *Anno’s Counting Book* in the classroom: <https://bit.ly/2HHycjU>

Spanish Title: Not available. However, the book is accessible for most because it has no words.

Related Books:
Anno’s Counting House by Matsumasa Anno, *The Very Hungry Caterpillar* by Eric Carle; *None the Number* by Oliver Jeffers

Find this book at your local library:
https://www.worldcat.org/title/annos-counting-book/oclc/745937598&referer=brief_results



EARLY MATH PROJECT LITERATURE REVIEW

Age/Grade Level	Related Preschool Foundations and CA State Standards
Infant/Toddler	Infant Toddler Foundations https://bit.ly/3ozQios
Infant/Toddler	Number Sense The developing understanding of number and quantity.
Preschool/TK	Preschool Learning Foundations https://bit.ly/34vEeN3
Preschool	Number Sense 1.0 Children begin to understand numbers and quantities in their everyday environment.
Grades K-3	California Common Core State Math Standards K-12 https://bit.ly/31No7bP
Kindergarten	Counting and Cardinality K.CC.1, K.CC.2, K.CC.3 Know number names and the count sequence.

