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Vincent is about to paint his house white, but each of the little animals that live there have a different color in mind.

Ages: 2 to 6 years

Interest Level:

Toddler to 1st grade

ATOS Reading Level:

1.1

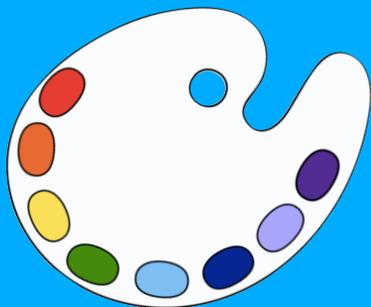
Lexile: 270L

ISBN: 9780823436866

Copyright: 2016

Genre: Fiction

Classification: Picture Story Book



Vincent Paints His House

What color will Vincent paint his house?

Topics: area, perimeter, repeated addition, multiplication, skip counting

Math Connections: Use *Vincent Paints His House* with toddlers and preschoolers to explore cause and effect with color mixing. Explore what happens when *yellow* and blue food coloring are mixed in water. What happens when you add more water to your mixture.

With older children use *Vincent Paints His House* can be used to practice skip counting and repeated addition. Both of these skills support children's success with multiplication.

If your child is not familiar with skip counting, talk about what skip counting means together. Skip counting is when you count by a number greater than 1 by adding that number each time to the previous sum. For example, when skip counting by 3 ($3 + 3 = 6$ and $6 + 3 = 9$ and $9 + 3 = 12$, etc.) you would say 3, 6, 9, 12, 15, 18, 21...

Practice skip counting with your child by gathering similar objects. Split the objects into groups of 2 and ask your child to skip count by 2's to find out how many there are. Then split the objects into groups of 4 and practice skip counting by 4's. After reading *Vincent Paints His House*, go back through the book and ask your child to use skip counting to find how many paints Vincent has in total. Write an addition equation together to show the amount of paints Vincent has.

Extension Questions:

1. What are the different ways to count how many paints Vincent owns?
2. How many animals live in Vincent's house?
3. How else could Vincent paint his house with the 8 different colors?
4. How many paint brushes does Vincent use throughout the story?
5. If Vincent has blue and green paint, how many different ways could he paint the front door and walls of his house without mixing the colors? After, draw a picture to show all the combinations. To add complexity, increase the number of paint colors and/or areas.

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|---|---|
| Vocabulary for Building Math Concepts | all, time |
| Vocabulary for Extending Math Concepts | area, combinations, perimeter, repeated addition, skip counting |
| Vocabulary for Reading Comprehension | decide |

Spanish Title: Not available

Related Books: *How Many Seeds in a Pumpkin?* by Margaret McNamara, *One Is a Snail Ten Is a Crab* by April Pulley Sayre and Jeff Sayre, *One Watermelon Seed* by Celia Barker Lottridge

Early Math Project Resources:

[Color Fun](#) (English)

Color Fun (Spanish)

[Hopscotch Fun](#) (English)

Hopscotch Fun (Spanish)

[Hopscotch Counting](#) (English)

Hopscotch Counting (Spanish)

Spanish versions coming soon!

Find this book at your local library: https://www.worldcat.org/title/vincent-paints-his-house/oclc/936344794&referer=brief_results

| Age Level | Related Preschool Foundations and CA State Standards |
|----------------|--|
| Infant/Toddler | Number Sense The developing understanding of number and quantity. |
| Preschool/TK | Number Sense 1.1 Recite numbers in order with increasing accuracy. 1.4 Count objects, using one-to-one correspondence (one object for each number word) with increasing accuracy. 1.5 Understand, when counting, that the number name of the last object counted represents the total number of objects in the group (i.e., cardinality). |
| Kindergarten | Counting and Cardinality K.CC.1 Know number names and the count sequence. K.CC.4 Count to tell the number of objects. Operations and Algebraic Thinking K.OA.1 Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. |
| Grade 1 | Operations and Algebraic Thinking 1.OA.1 Represent and solve problems involving addition and subtraction. 1.OA.7 Work with addition and subtraction equations. |

