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Packy the Rat loves the treasures he finds and wants to keep them all. Packy is sorting his treasures into categories, but someone is sneaking away with some of them. Who is it?

Ages: 2 to 7 years

Interest Level:

Toddler to 2nd Grade

ATOS Reading Level:

3.6

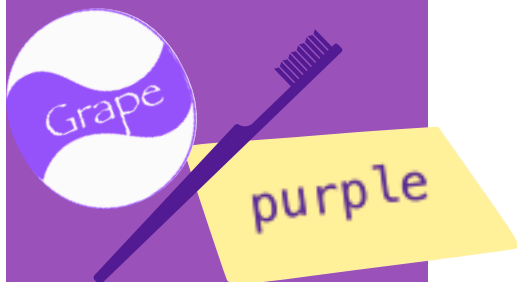
Lexile: NP

ISBN: 9781934359112

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Genre: Fiction

Classification: Picture Story Book



Sort it Out

How will Packy the Rat sort his treasures?

Topics: sorting

Math Connections: Use *Sort it Out* to practice sorting objects by their attributes. Sorting by an attribute is when you group objects together based on a characteristic they have in common. For example, you can sort objects based on color, placing all blue objects in one pile and all green objects in another pile.

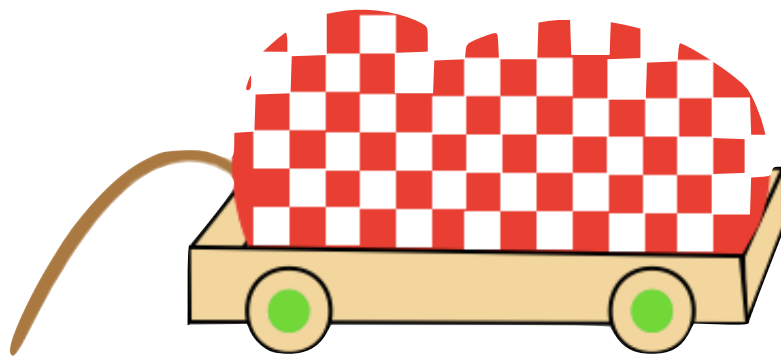
Explore attributes of objects with your child. Together, collect different items from around the house or outside and spread them out in front of you. Encourage your child to talk about the attributes of each of the objects. For example, identify each object's shape, size, function, and texture. After, ask your child to compare the objects identifying the similarities and differences.

Identifying and comparing attributes of one object to another lays the foundation for sorting. With the collected items, ask your child to sort the objects by one attribute. Can they sort the objects by more than one attribute at the same time? For example, group all the smooth blue objects together. How many different ways can they sort the objects they found?

Practice sorting with your child around the house and outside. Together, sort toys, clothes, leaves, or books. What attributes did you sort the objects by? Are there other ways to sort the same group of items? How?

Extension Questions:

1. What other ways could Packy the Rat sort his treasures?
2. How many items did Packy's sister sneak away from him?
3. Why would sorting help Packy the Rat put all of his treasures away?



EARLY MATH PROJECT LITERATURE REVIEW

Vocabulary for Building Math Concepts	all, categorizing, classify, grouped, sort, whole
Vocabulary for Extending Math Concepts	attribute
Vocabulary for Reading Comprehension	collection, inspection

Early Math Project Resources:

Everyday Sorting: <https://bit.ly/3kZJuO6> (English)

Everyday Sorting: (Spanish)

Online Resources:

Sorting activities for Preschoolers and Kindergarteners from PreKinders: <https://bit.ly/32VgeBL>

Age Level	Related Preschool Foundations and CA State Standards
Infant/ Toddler	Infant Toddler Foundations https://bit.ly/3ozQios
Infant/ Toddler	Classification The developing ability to group, sort, categorize, connect, and have expectations of objects and people according to their attributes.
Preschool/ TK	Preschool Learning Foundations https://bit.ly/34vEeN3
Preschool/ TK	Algebra and Functions 1.0 Children begin to sort and classify objects in their everyday environment. 1.1 Sort and classify objects by one or more attributes, into two or more groups, with increasing accuracy.
Grades K-3	California Common Core State Math Standards https://bit.ly/31No7bP
Kindergarten	Measurement and Data K.MD.3 Classify objects and count the number of objects in each category.

Spanish Title:
¡Clasificalo!

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Related Books:

Hannah's Collection by Marthe Jocelyn; *3 Little Firefighters* by Stuart J. Murphy; *Sam Sorts* by Marthe Jocelyn;

Find this book at your local library: https://www.worldcat.org/title/sort-it-out/oclc/988934334&referer=brief_results

