



Math Activities

Title: **A Three Hat Day**

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Math Concepts:

- sorting and classification
- patterns
- counting
- sets
- roman numerals
- ordinal numbers

Classification

After viewing the entire program, revisit the segments in the hat shop and make a list of different kinds of hats that are all around LeVar. Sort the hats into categories, such as “Hats that people wear when they work,” “Hats that people wear when they play,” or “Hats to dress up in.” Students will likely notice that a hat may fall into two categories (e.g., the goalie’s hat may be for work and play). Let them decide how they will show that a hat may fit into two groups. This activity may also be adapted into a Venn diagram. Obtain a copy of the book, *A Three Hat Day*, for even more different kinds of hats to classify.

Creating Patterns

If there is a collection of hats in the classroom, have students arrange them in patterns. (These patterns might be according to color, category of use, type of material, or others.) Have them explain their patterns.

Identifying Sets

On his walk, R. R. Pottle passed animals in pairs (snakes, bluebirds, frogs). Have students brainstorm objects that come in pairs (or 2’s). Extend this activity to include items that come in 3’s, 4’s, 7’s, or even a dozen.

Roman Numerals

Because R. R. Pottle was the “Third” and his daughter was the “Fourth,” use these names to introduce students to Roman numerals.