



## A Three Hat Day

(GPN #41/PBS #411)

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**Program Description:** Every time LeVar puts on a new hat, he becomes involved in a different adventure, including riding in a horse race and playing goalie in a hockey game.

## Math Concepts:

- sorting and classification
- counting
- sets
- patterns
- 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.

# Do-At-Home Activity

• **Survey the number of hats students have at home.** This can be done as a counting activity, after which the children would bring the number of hats they counted to school and calculate a total for the whole class. This might also be done as a classification activity, in which students would identify broad categories of hats (e.g., ball caps, stocking caps, straw hats, felt hats, etc.) ahead of time and take the list of categories home. As they count hats at home, they can record tally marks in the appropriate categories.