Virtual Field Trip

Color Wheel Hunt & Re-Sort

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Knock Knock Children's Museum is a community spark for engaging, playful learning experiences that inspire and support lifelong learning.

Color Wheel Hunt

Age Level: 3-4 (Pre-k 3 | Pre-k 4)
Lesson Duration: 30 minutes

CLICK HERE FOR STEP-BY-STEP INSTRUCTIONS

Materials Needed:

- 7 pieces of paper
  - 1 each - red, orange, yellow, green, blue, and purple
  - 1 with 2 rows of 5 large circles
- Several other pieces or paper for the re-sort categories

Setup Instructions:

Arrange the colored papers in a color wheel

Louisiana Standards:

AL1, AL2, AL3, AL4, CC2, CM2

Learning Objectives:

Color Theory, sorting by multiple categories, one to one ratio

Instructions:

1. Have your child find similar small objects around the house that are mostly one color
2. When the objects are collected, put a star on the primary color sheets and have them match the colors with their toys. They can go get more if they need to or if they think of something else.
3. Explain that these are the 3 most basic colors, we call them "Primary Colors". If you mix red and yellow what color looks like it's a little bit of both? (The orange will already be there so they should say that.) Find the objects that would go on that color.
4. Do the same for green and purple. Challenge the child to make sure there are 2 or 3 objects on each color, keep repeating the idea that the primary colors make the secondary ones.
5. Re-sort, with your child think of a different way besides colors that you could sort the toys.Big and Small, Animals and non Animals, Edible and not Edible, etc.) The specifics don't matter. What matters is that the child understands the categories. Write the names of the new categories on the blank paper (you might have to draw little pictures).
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6. Have the child re-sort the same objects. No new toys at this point. Keep going until you can't think of any more category pairs.
7. One to one ratio/counting - have your child fill each circle with an object and then count the objects. Point out that there is only one object in each circle and only one object for each number.
8. Make different numbers and have the child re-count, practicing one object for each number.
9. Make sure your child puts away all the toys.

Questions to Ask your Child:

- Ask a lot of Why questions.
    - Why did you put that there?
    - Why did you choose that one?
    - Why do these go together? Why don't these match?
- This will help your child articulate their thought processes. This can also encourage them to find their own mistakes.

Ways to Scaffold for your child:

Simplify for younger children or add complexity for older ones

- Color Hunt for older children-make the color wheel without the pieces of paper or make darker objects go in the center and lighter objects around the outside. They can also try to arrange for a fade from one color to the next.·
- Color Hunt for younger children-use just the primary colors
- Re-sort for older children-use more complex categories or use 3 or more categories. Have them come up with categories for all the objects·
- Re-sort of younger children-you come up with a few very basic categories.
- Counting for younger children-stick to just the top 5 circles. Write the numbers inside the circles.
- Counting for older children-add a second set of ten circles and start working toward 20.
- Take toys away and ask, “How many more do we need to get to 10?”