

COLOR CODE

Purpose: Students will recognize scarves of the same and different colors, and they will use the scarves to describe the location of one object relative to another. They will have an opportunity to graph.

Suggested Grade Level: PK - K

Math SOL: Measurement K.10, Geometry K12, Probability and Statistics K.13, K.14

Equipment: An assortment of different colored scarves – at least one per student

Advance Preparation: Scatter scarves around a large area.

Directions:

1. Tell students to spread out around the scarves that you have scattered.
2. Explain that they will be following your directions about how to move around the area. When you say hop, they should hop around the play area; when you say skip, they should skip etc.
3. Warn them not to step on any scarves or touch any other students while they are moving about. This will increase the difficulty and ensure that students aren't bumping into each other.
4. Call out different ways for them to move. For example, "Now stop skipping and hop around the room." Continue in this way long enough for the children to get their heart rate up.
5. Next, tell the students that when you say "stop", they must stand on a scarf that is near them. There should be only one student standing on each scarf.
6. When all the students are standing on a scarf, ask them where, in location to their body, the scarf is. They should all reply that the scarf is under them.
7. Tell the students to pick up the scarf and hold it above their head. Continue giving them different directions about where to hold the scarf. For example, below their chin, beside their ear, on the left, right, etc.
8. Following these activities, have students skip around with their scarves, and when you say "color code" they should group themselves with all of the other students with that same color scarf.
9. Have the students tally the number of students with their scarf color.
10. Ask the students who has the most people in their group and who has the least amount of people in their group, and which groups have the same number of people.
11. If time permits, the activity can culminate with a graphing exercise during which the students can graph the number of scarves in each group using the attached Graphing Worksheet; or they can use the attached Addition Worksheet to determine the total number of each different color of scarves.

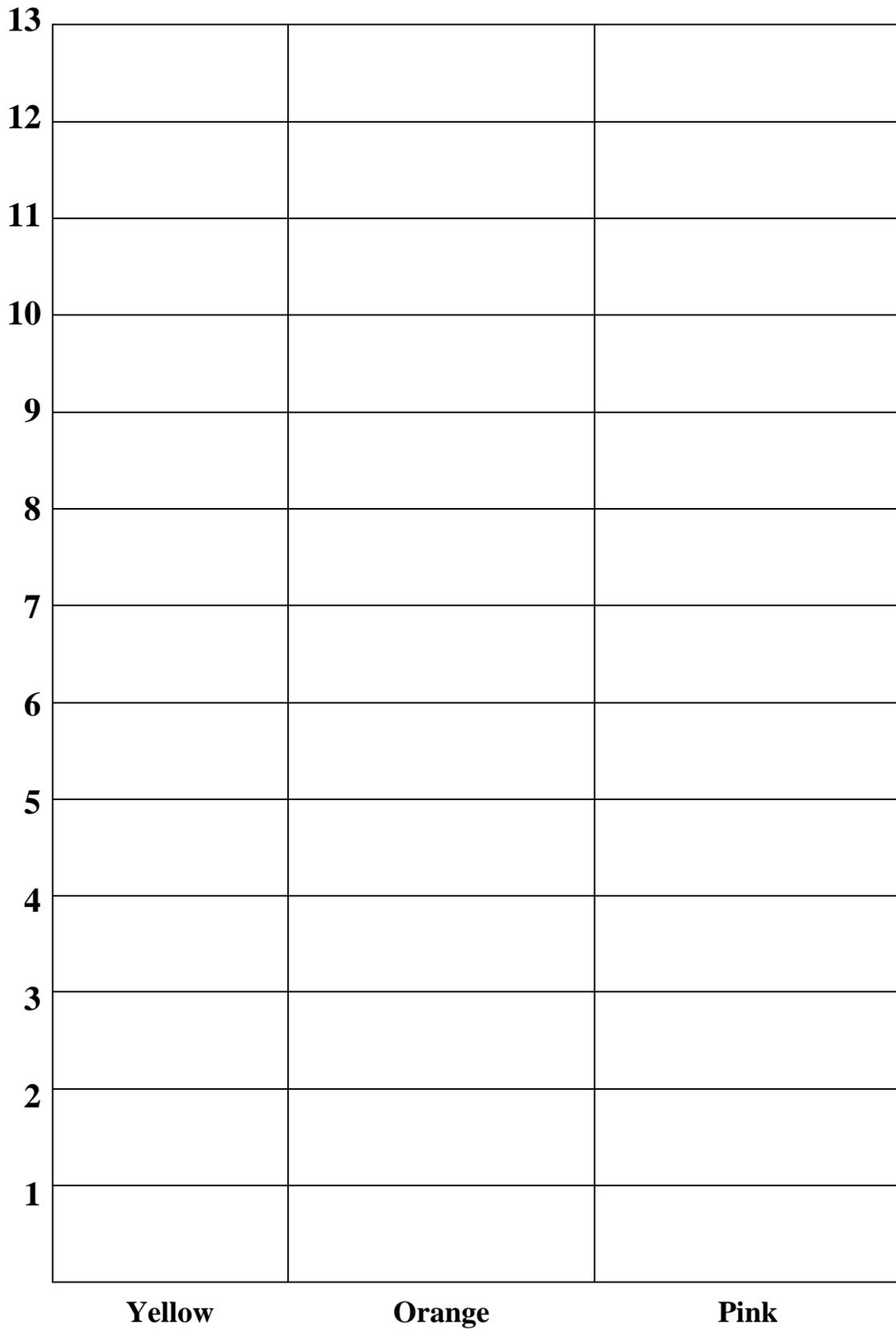
Modifications/Variations: Tell students to jump over the scarves, or have them hop on one foot over yellow or orange, and jump with two feet over pink. Or, divide the classification process into girls and boys with specific color scarves.

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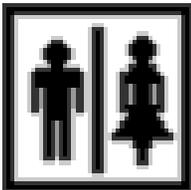
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GRAPHING WORKSHEET



ADDING SCARVES WORKSHEET

NAME _____

BOYS 
GIRLS 
TOTAL 

PINK
+
<hr/>

ORANGE
+
<hr/>

YELLOW
+
<hr/>