

5. Cylinder Pattern Cards

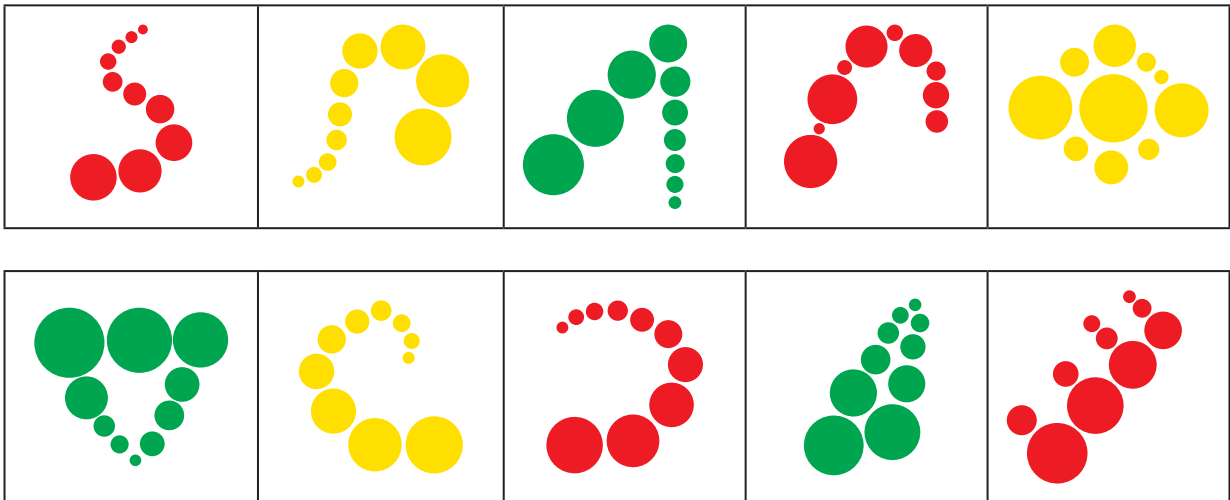


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Cylinder pattern cards focus on the diameter of the cylinders as the attribute for the child's attention.

Materials:

- Red, yellow and green sets of colored cylinders.
- Mystery bag
- Set of thirty (30) pattern cards.
- Three sets of ten (10) pattern cards in red, yellow and green.



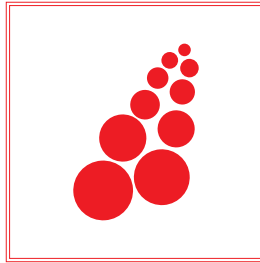
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Preparation:

Experience and mastery of previous diameter activities.

Presentation 1:

1. Invite a child to work with the cylinder pattern cards.
2. Select a card:



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3. Ask, "Find a set of colored cylinders to match these circles."
The child selects the red, yellow or green cylinder box.
4. The child may:
 - remove the cylinders from the box, grade the cylinders, then match the cylinders to the card,
 - or remove the cylinders from the box in mixed array, then match the cylinders to the card,
 - or remove the cylinders from the box and directly match the cylinders to the card.
5. The child matches cylinders to the circles on the card.
6. Upon completion the child returns the cylinders to the box and selects the next card.

Variation:

1. The child removes the cylinders from the box and places the cylinders in the mystery bag.
2. Point to the circle at one end of the pattern. Ask, "Can you find the cylinder that will match this circle?"
3. The child selects a cylinder and places the cylinder on the circle to determine if there is a match.
4. If the cylinder matches the circle the cylinder remains on the card. If the cylinder does not match the circle the cylinder is returned to the mystery bag.
5. The child continues in this manner until all circle on the card have a matching cylinder.

7. Colored Cylinders Double Diameter Matching Cards

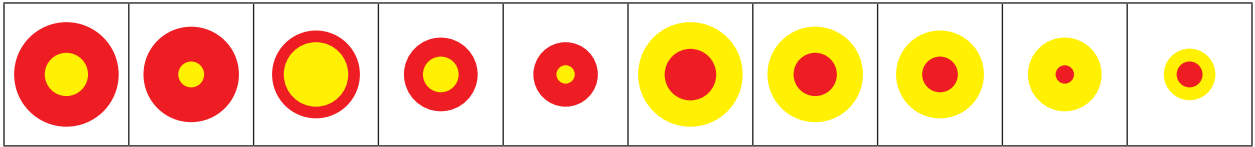


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Two set of colored cylinder are utilized with double diameter cards. The cylinders are matched by color and by an isolated attribute of diameter on the card.

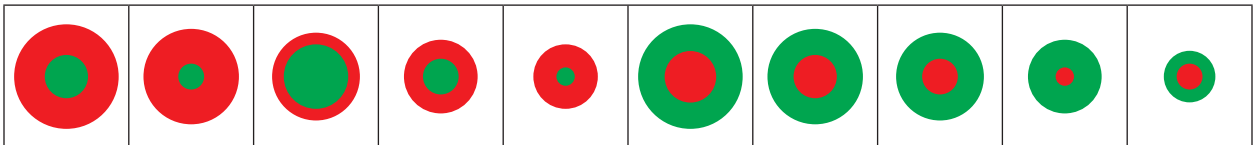
Materials:

- Red, yellow and green sets of colored cylinders.
- Set of three (3) double diameter cards of ten (10) cards each:
 - red and yellow.



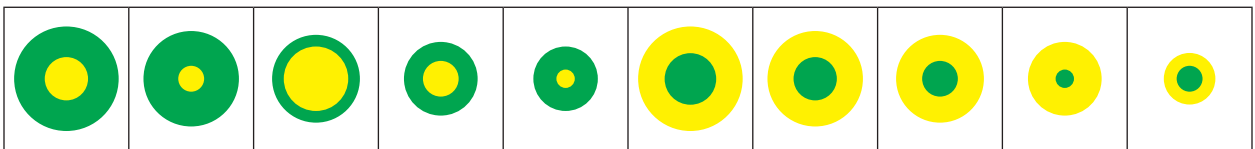
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- red and green.



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- yellow and green.



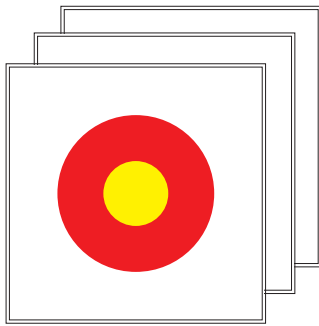
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Preparation:

Experience and mastery of previous diameter cards.

Presentation 1:

1. Place the red cylinder box in the upper left corner.
2. The child may:
 - remove the cylinders from the box and grade the cylinders.
 - or remove the cylinders from the box and directly match the cylinders to the cards.
3. Place the yellow cylinder box to the right of the red cylinder box.
4. The child may:
 - remove the cylinders from the box and grade the cylinders.
 - or remove the cylinders from the box and directly match the cylinders to the cards.



SP.01

Whatever the procedure the child selects, the result is the same. The red, and yellow cylinders match all the circles on the card.

5. Place the stack of double diameter cards below and to the left.
6. Select the card on the top and place it to the left and below.
7. Point to the outer circle, and say, "Find the cylinder that matches this color and this diameter"
8. Select the cylinder whose diameter and color matches the outer circle on the card.
9. Place the cylinder on the card, and then place the cylinder at the top of the card.
10. Point to the inner circle, and say, "Find the cylinder that matches this color and this diameter."
11. Select the cylinder whose diameter and color matches the inner circle.
12. Place the cylinder on the card and then place the cylinder on top of the prior cylinder.

Variation:

The other two sets of double diameter cards may be selected.