

# Table of Contents

<b>Chapter 1. Visual Perception</b>	1
Vocabulary Comparatives and Superlatives	3
Puzzles	4
Object to Object: Matching	5
Object to Picture: Matching	7
Picture to Object: Matching	10
Picture to Picture: Matching	12
Mental DevelopmentEnhanced Expressive Language	15
Oral Expression Organization of Ideas	16
“Look Alikes”: Matching	22
Whole to Parts: Nomenclature Cards	24
Whole to Parts: Association	27
Parts to Whole: Picture Formation	29
Figure/Ground Matching	31
Spatial Relationships	33
Graphic Matching	35
Sandpaper Letter and Moveable Alphabet Matching	37
Patterning: Bead Stringing (Concrete)	40
Patterning: Bead Stringing (Abstract)	44
Patterning: Cubes and Cards	47
Simple Patterning Exercises	49
Patterning: Parquetry and Cards	52
What’s Missing	54
<b>Chapter 2. Concept Development</b>	56
Association	57
Rhyming Objects	60

Classification: Kinds of . . . . .	62
Classification: Categories . . . . .	64
Classification: Doesn't Belong . . . . .	66
Picture Sequence. . . . .	68
Materials List . . . . .	71
Glossary. . . . .	74
Bibliography . . . . .	75
Additional Titles . . . . .	76

## Picture to Object: Matching

### Age

- 3 years

### Language

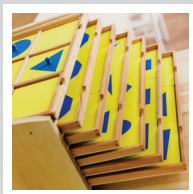
- names of the materials in the environment

### Control of Error

- teacher

### Material

- a set of pictures of the Montessori materials
- tray



### Aim

#### Direct

- learn the names of the materials in the environment
- develop vocabulary
- develop concentration, order, coordination, and independence

#### Indirect

- prepare for writing and reading

### Variations

1. Two children can select the material.

Locating a specific classroom material in the environment that matches its picture allows the child to utilize many aspects of visual discrimination. She must first recall where the material is located and understand spatial relationships to navigate her physical space. This activity also helps develop the child's vocabulary and memory. The child also develops visual figure ground with this activity, scanning the room to find the correct material to match the picture.

### **Presentation (Group Presentation)**

1. Say, "Today I am going to present the pictures of the Montessori materials."
2. Place the tray in the center of the table or rug from the child's vantage point.
3. Remove the first picture and place it below the tray.
4. Say, "Raise your hand if you know what this is called."
5. Call on a child if one has responded.
6. If no child responds, name the object in the picture.
7. Turn the card over and place it to the right of the tray.
8. Continue in this manner with the remaining picture cards.
9. Select three of the cards and place them on the rug.
10. Say, "Raise your hand if you know which card is the \_\_\_\_\_."
11. Select a child to take the card and place it with the object in the classroom.
12. Continue in this manner with the remaining cards.
13. Say, "All the picture cards are now in the classroom. Raise your hand if you can get the picture of the \_\_\_\_\_."
14. Select a child to find the picture card named and return the card to the rug.
15. Continue in this manner until all the picture cards have been returned.
16. Return the material to the shelf.

## Picture to Picture: Matching

### Age

- 3 years

### Language

- using the three-period lesson, introduce any vocabulary of the pictures that the child does not know

### Control of Error

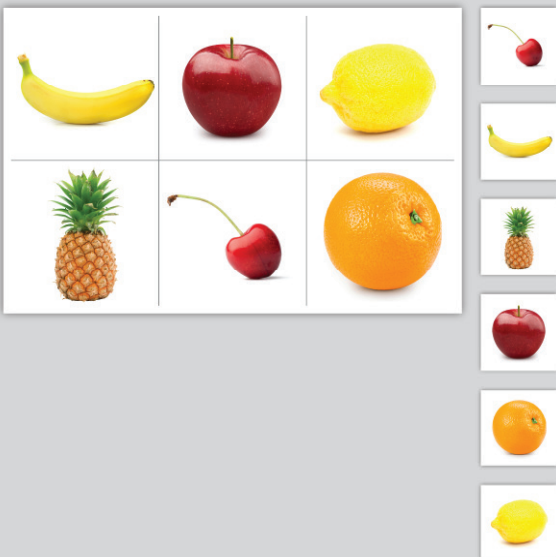
- visual disharmony when unlike pictures are matched

### Material

- one large card with pictures of objects
- container of smaller cards with individual pictures of objects that match the large card
- one tray

### Material 2

- two sets of individual matching cards



### Aim

#### Direct

- develop visual discrimination
- develop concentration, order, coordination, and independence
- match like to like

#### Indirect

- prepare for reading and writing

### Note

- The organization of the material is the same as matching object to object. It is easier for a child to match individual pictures to a fixed set. By backing one set of pictures on a color different from the set to be matched the number of possible options for the child is reduced.

With Picture to Picture Matching there are only abstract representations (images) of the concepts to be matched, thus offering the child experience with abstraction and more of a challenge in utilizing visual discrimination.

## **Presentation 1**

1. Invite the child to work with the picture matching.
2. Show the child where the picture matching is located on the shelf.
3. Select the picture matching and carry it to the table or rug.
4. Place the tray in the upper left of the table or rug.
5. Select the large picture and place it to the center of the work area.
6. Point to each picture on the large card and ask the child if they know what the picture represents. Tell the child if not sure.
7. Select the container with the smaller cards with individual pictures.
8. Place the container to the left of the large card.
9. Select the first card.
10. Beginning at the upper left of the large card, match the picture on the smaller card to the picture on the large card. Move the smaller card from left to right, top to bottom until a match has been made.
11. When a match has been made, place the smaller card on top of the picture.
12. Select the next card and continue in this manner to match the pictures.
13. Upon completion, the picture cards may be removed, beginning at the upper left and moving to the right.
14. Place the individual pictures in the container.
15. Place the container on the tray.
16. Place the large card on the tray.
17. Return the material to the shelf when completed.

## **Presentation 2**

### **Presentation**

1. Place the tray of pictures to the upper left.
2. Select the first picture and place it below the tray.
3. Select the next picture and place it next to the first picture and compare. If they match, let the picture remain. If the picture is different, place the second picture below the first picture.
4. Select another picture.
5. Place the picture next to the first unmatched picture and compare.
6. If they match, let the picture remain. If the picture is different, place the picture below. Continue until a match has been made or the picture has been placed in the column of pictures to match.
7. Continue in this manner to match the remaining pictures.
8. Upon completion, note the matches that have been made.
9. Remove the pictures, beginning with the upper left picture, and place it on top of the picture below. Continue in this manner until the left column of pictures has been removed and placed on the tray.
10. Continue in the same manner to remove the second column of picture cards.
11. Invite the child to work with the material.
12. Return the material to the shelf when completed.

# Mental Development Enhanced Expressive Language

