PATTERN MATCHING

PURPOSE: To develop ability to visualize rotation and inversion of patterns in space and to enhance understanding of laterality

APPARATUS: Blocks, pencils, clothespins, or the like for making patterns, a balance board for use as a lazy-susan

METHOD:

1. Patient and home assistant are seated at opposite sides of the balance board.

2. Assistant is to create a simple pattern on her side of the balance board.

3. Patient is instructed to duplicate the pattern on his own side, so that it will look to him the same way yours looks to you. Suggest that he try to imagine how your pattern would look to him if he were seated beside you.

4. If these suggestions do not work, the assistant rotates the balance board, placing her pattern in front of him. Have him verbally describe features of your pattern. Now rotate the balance board back to starting position and have him repeat his verbal description, in an attempt to recognize his inappropriately placed blocks. Another way is to have him actually walk around to your side, view your pattern along side of you, verbalize identifying aspects of it, return to his side and see if he can then understand what is being asked of him.

5. If the above approaches fail to produce the desired response, repeat step 4, but have him draw a picture of his verbal description. Then patient looks at his pattern, verbally describes it, and draws a picture of that along side the first picture.

6. As skill improves, increase the complexity of the patterns.

ASPECTS TO BE EMPHASIZED:

1. Ability to visualize from another point of view.

MONOCULAR_____BINOCULAR_____SEPTUM_____LENSES_____TIME_____