

VISUALIZATION WITH GEOMETRIC FORMS

PURPOSE: To develop visualization and visual-spatial manipulation with emphasis on directionality and laterality

APPARATUS: Pencil and paper or chalkboard

METHOD:

Child is instructed:

1. Imagine that you are holding a soft rubber ball in your left hand.
2. Now, imagine placing your right hand on top of the ball. Your hands are touching the ball in matching positions of the north and south poles.
3. Gently press your hands together.
4. Draw a picture of what the ball would look like.
5. Now press harder. Draw a picture of what it would look like now.
6. Imagine pressing harder still. Again, draw a picture of what it would look like.
7. Now imagine placing your hands on the ball as if touching opposite sides of the equator and gently press toward the center. Draw this.
8. Now press harder. Draw this.
9. Press harder still, and draw.
10. Repeat the procedure, "Equator Press," holding the ball in any other positions that you can imagine.
11. Now visualize holding and squeezing a soft sponge cube and repeat the procedure.

ASPECTS TO BE EMPHASIZED:

1. Ability to visualize shape and shape changes.
2. Ability to draw the visualized shapes and shape changes.
3. Ability to draw in two dimensions and eventually in three dimensions.

MONOCULAR _____ BINOCULAR _____ SEPTUM _____ LENSES _____ TIME _____