

CATCH THE PENNY!



Background:

Depth perception is the visual ability to **perceive** the world in three dimensions (3D) and the distance of an object.

Activity:

1. Put a cup in front of your partner. It should be about 2 feet away from your partner.
2. Ask your partner to put one hand over the left eye.
3. Hold one of the pennies in the air about 18 inches above the table and 1 foot from your partner.
4. Move the penny slowly around towards the cup in the direction given to you by your partner.
5. Stop when your partner says "Drop it". The object is to have the penny drop into the cup.
6. Do steps 2-5 four more times.
7. Count how many pennies made it into the cup.
8. Have your partner record his/her on the data sheet.
9. Next have your partner do steps 3-8 covering the right eye.
10. Now do steps 3-8 having your partner use both eyes.
11. Switch places and do steps 1-10.

Data:

Number of Pennies in Cup	5			
	4			
	3			
	2			
	1			
	Left Eye Closed	Right Eye Closed	Both Eyes Open	