

DRISHTI

Children who learn together stay together

**A class room equipment
for inclusive education
of children with low vision
in the nursery age group**

WHAT ?

- Wooden rotatable board with cut outs -matching
- Background lighting with regulator-adjustable contrast creation
- Storytelling board with a story setting and back light

WHY ?

- Children with --intergrated ededucation of children,
low vision learning to live in the society
--low vision skills training-
focusing ,tracking,alternating attention
- All children --cognitive perceptual skills ,
--story telling and imagination
- Teachers --understanding level of vision in children with low vision
--deveoping and training low vision skills I
--teaching aid in classroom

WHOM?

- Children in the kindergarten
- Children with low vision and normal vision
- Kindergarten Teachers



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INCLUSIVE EDUCATION

Inclusive Education is defined as a process of reforming the education system to meet the needs of all children so that they can attend school, participate fully, and be treated equally

UNESCO definition

LOW VISION

Low vision is defined in a person as, who has impairment of visual functioning even after treatment and/or standard refractive correction, and has a visual acuity of less than 6/18 to light perception

WHO definition

LOW VISION TRAINING

Skills to be assessed and training given- attention, reach, maintain gaze tracking, shift gaze, change fixation, follow path, identify objects, imitation, abstract figures,, understanding details

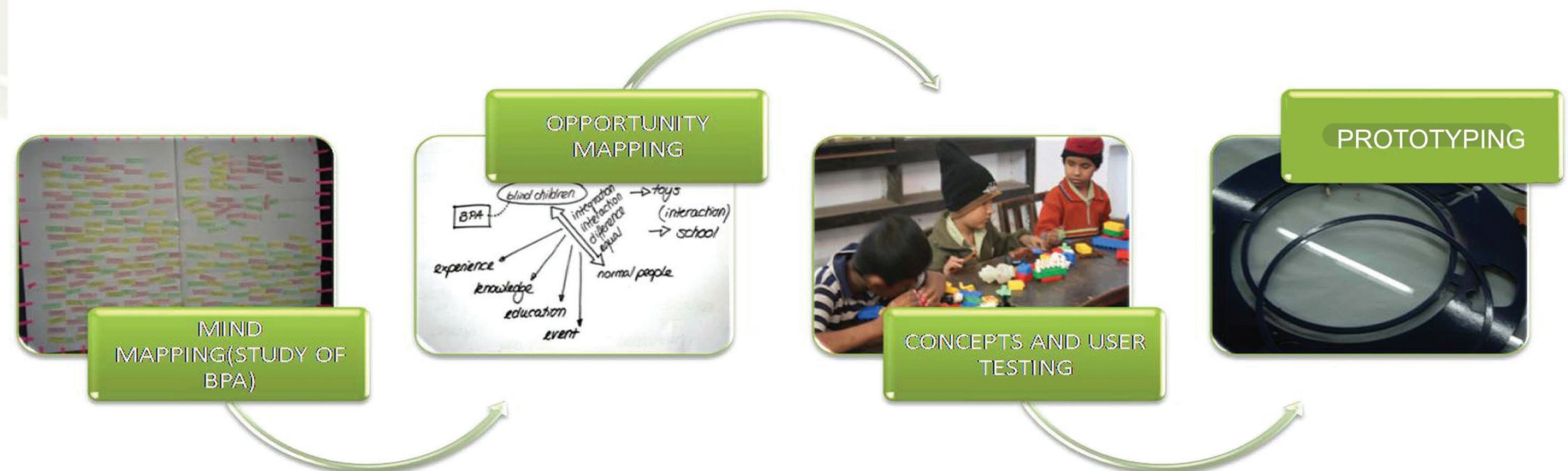
Low vision assesment format-BPA

METHODOLOGY:

A system study of the Blind Peoples' Association(BPA) was done



Processes were followed based on the data collected by participant observation, personal interviews and literature reviews



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MATERIALS USED:

wood, ply, acrylic, bulb, wiring, regulator (fan), glue

PARTS:

A circular light box with acrylic cover

Light regulator which helps increase and decrease contrast

Circular moveable disc

Cut outs on the circular disc which can be matched

Center acrylic board with a story setting to facilitate storytelling

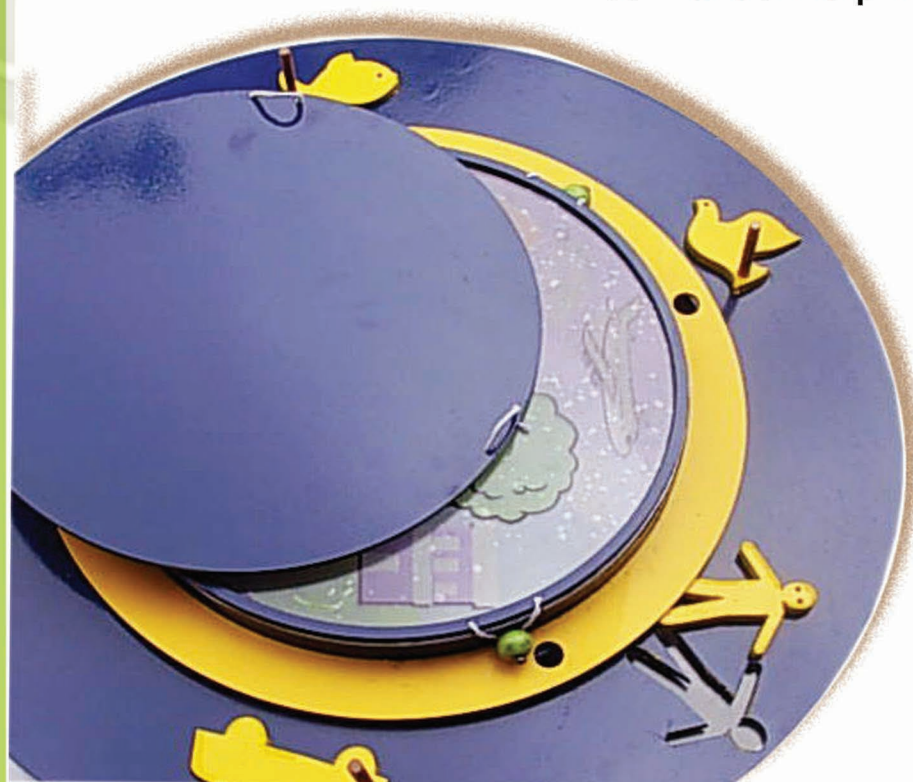
Lid to cover the center to focus on the cut outs.

BENEFITS:

-Low vision assessment and training-
skills like tracking, reach, following path, maintain gaze, fixation, shift gaze, identifying objects can be assessed and trained

-The teachers who do not have much training in low vision training can assess the level of vision in the children, the amount of contrast required and can also help in training their vision

-cognitive perceptual skills development-
skills like attention, concentration, problem solving
concepts development
perceptual skills like figure ground perception, position in space
social skills development of communication by storytelling
higher level skills of imagination and abstract thinking.



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